UChicago

# TECH VENTURES DEMO DAY

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## PORTFOLIO BOOK

THE UNIVERSITY OF CHICAGO

POLSKY Center for Entrepreneurship and Innovation
THE UNIVERSITY OF CHICAGO

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## CLEANTECH AND ENERGY



## ARTIFICIAL INTELLIGENCE

Artificial Brain

## ARTIFICIAL BRAIN

**Artificial Brain is democratizing quantum computing through Planck—a user-friendly platform that harnesses proprietary quantum algorithms to optimize complex systems and accelerate decision-making across aerospace, energy, and defense.**

### PROBLEM

- Traditional computers struggle with large-scale optimization and real-time decision-making
- Sequential processing limits performance on high-dimensional, interconnected datasets
- Risks warfighter response times

### SOLUTION

- Uses proprietary quantum algorithms to optimize complex systems
- Democratizes quantum technology for aerospace, energy, and defense
- Accelerates decision-making by overcoming traditional computing barriers

### INDUSTRY

Quantum computing, AI

### TARGET MARKET

Aerospace, energy, and defense organizations

**STAGE:** Seed

**TECHNOLOGY READINESS:** 5-6

**FUNDING TO DATE:** $100K SAFE

### CONTACT

Jitesh Lalwani - Founder and CEO
jitesh.lalwani@artificialbrain.us
www.artificialbrain.us

### VALUE PROPOSITION

- Cuts operational costs by 30-40% through efficient quantum software
- Reduces decision-making time from days to seconds
- Offers a user-friendly, production-ready platform for easy adoption

CavilinQ

## CAVILINQ

**Quantum interconnects for scaling quantum computers.**

### PROBLEM

- Current quantum computers are limited to tens to a few thousand qubits (quantum bits)
- With this many qubits, only few proof of concept experiments can be achieved
- Known applications of quantum computers take millions of qubits

### SOLUTION

- We have developed an interconnect technology that can connect quantum computers to each other
- Our interconnect can then connect these quantum computers and make the effective number of available qubits to be in tens of millions

### INDUSTRY

Quantum computing

### TARGET MARKET

Quantum computing

**STAGE:** Pre-seed

**TECHNOLOGY READINESS:** 4

**FUNDING TO DATE:** $540,000

### CONTACT

Shankar G Menon | Cofounder and CEO
shankar@cavilinq.com
cavilinq.com

### VALUE PROPOSITION

- The expected market size of quantum computers with millions of qubits is more than $100 billion
- We help scale the computers made by quantum computing companies to reach this $100 billion market as opposed to the current < $1 billion market

## K1 SEMICONDUCTOR

**Wafer splitting and reuse of expensive semiconductors.**

### PROBLEM

- Industries are moving toward high-performance semiconductor materials, but cost is the primary barrier to adoption
- Manufacturing of non-silicon semiconductors is inefficient and not ready to facilitate the impending need
- The U.S. has historically been a leader in high-end semiconductor materials, but is losing market share to others

### SOLUTION

- Mechanical splitting of semiconductor wafers that works with all wafer diameters and does not pre-damage the crystal
- First-principles solution minimizes process complexity, resulting in reduced cost
- Works with all semiconductor wafers, even the hardest materials like silicon carbide and diamond

### INDUSTRY

Semiconductor materials

### TARGET MARKET

Semiconductor manufacturing companies (silicon carbide, lithium niobate, diamond)

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 4

**FUNDING TO DATE:** $668,000

### CONTACT

Connor Horn | Cofounder and CEO
connor@k1semiconductor.com
k1semiconductor.com

### VALUE PROPOSITION

- K1's wafer splitting service allows semiconductor manufacturing companies to get the most use out of each wafer
- End-of-line service that does not disturb existing fabrication processes or high-temperature steps
- Low-capex process does not require cleanroom fabrication or non-scalable equipment

PHOTON QUEUE

<DUALITY>

## PHOTON QUEUE

**Free-space quantum memories for photonic quantum computing and quantum networking.**

### PROBLEM

- Utility-scale quantum computers will require efficient RAM-like memories to store quantum information encoded into photons
- Current memories are severely lacking in efficiency and have high operational costs

### SOLUTION

Photon Queue is commercializing a free-space photon-storage technology in which photons are stored by traveling through air in a compact optical setup.

### INDUSTRY

Quantum computing and networking

### TARGET MARKET

Photonic quantum computing companies/researchers, quantum networking companies/researchers

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 6

**FUNDING TO DATE:** $50,000

### CONTACT

Kelsey Ortiz | Cofounder and COO
kelsey@photonqueue.com
photonqueue.com

### VALUE PROPOSITION

- Our technology offers the highest end-to-end storage efficiency and bandwidth of any memory in the world
- Our technology operates at room temperature and doesn't rely on cryogenics, vacuum systems, or ovens, unlike competitors
- We can design a memory to work efficiently with virtually any photonic system

## QUANTUM ASTRA

**QuantumAstra develops integrated quantum sensing hardware and software solutions, delivering ultra-sensitive NV diamond sensor modules alongside advanced analytics tools for real-time, high-precision measurement and actionable insights across industries.**

### PROBLEM

- Traditional sensors lack sensitivity for detecting minute magnetic, electric, or thermal changes in demanding environments
- Inadequate precision leads to missed early diagnostics, inefficient battery monitoring, and unreliable industrial measurements
- Existing solutions are often bulky, require cryogenic cooling, or are difficult to integrate into modern systems

### SOLUTION

- Develop compact NV diamond quantum sensors for ultra-sensitive, room-temperature detection of environmental changes
- Provide seamless integration with customer systems for real-time, high-resolution data acquisition
- Deliver user-friendly analytics tools that translate complex quantum signals into actionable insights

### INDUSTRY

Quantum sensing, energy, healthcare, defense

### TARGET MARKET

Healthcare technology companies and research institutions, energy and utility companies

**STAGE:** Early-stage

**TECHNOLOGY READINESS:** 3

**FUNDING TO DATE:** $50,000

### CONTACT

Lalitha Nallamothula | CEO
lalithan@quantumastra.com
quantumastra.com

### VALUE PROPOSITION

- Achieve greater sensitivity than classical sensors, enabling detection of previously invisible signals
- Reduce operational costs and downtime through predictive maintenance and earlier fault detection
- Enable new capabilities in diagnostics, energy management, and industrial automation with robust, scalable quantum sensing technology

Quantum Rings

<DUALITY>

## QUANTUM RINGS

**Providing breakthrough quantum simulation technology that enables enterprises to innovate beyond the current capabilities of quantum computing constraints, leveraging their existing compute infrastructure, today.**

### PROBLEM

- 60% of Fortune 500 companies are already investing in or exploring quantum computing, but struggle to make progress
- Current hurdles include high error rates, massive costs, and unreasonable wait times for quantum computer access

### SOLUTION

Quantum Rings empowers teams to develop and test quantum algorithms on existing, inexpensive, and reliable hardware. This powerful simulation technology executes significantly larger and more complex quantum circuits with higher accuracy than previously thought possible, overcoming current quantum computing limitations.

### INDUSTRY

Quantum

### TARGET MARKET

Life sciences, automotive, logistics, finance

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 8

**FUNDING TO DATE:** $1.575 million

### CONTACT

Bob Wold | Cofounder and CEO
bob@quantumrings.com
quantumrings.com

### VALUE PROPOSITION

- Accelerate innovation: Enable quantum development and testing on existing, cost-effective infrastructure, bypassing the limitations of immature quantum hardware
- Achieve unprecedented scale and accuracy: Execute significantly larger and more complex quantum circuits with higher fidelity than traditional quantum computers or simulators
- Reduce costs and time-to-market: Drastically cut down on expenses and wait times associated with accessing real quantum computers, speeding up quantum algorithm development

## STAC12

**Best-in-class diamond integration for quantum and semiconductor solutions.**

### PROBLEM

- Current materials are reaching their limits for the next generation of technologies: AI, 6G, quantum, and beyond
- Difficulties with extreme heat and unstable quantum environments require better materials
- Diamond is the best material to address these problems but is limited by its current inability to be integrated

### SOLUTION

- STAC12 has developed an integrated diamond platform
- Highest quality thin film diamond across metrics of crystallinity, uniformity, doping capabilities, and beyond
- Plug-in, highly customizable solution compatible with technology-relevant material platforms

### INDUSTRY
Advanced materials

### TARGET MARKET
Semiconductors, quantum

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 5

**FUNDING TO DATE:** $800,000

### CONTACT
Avery Linder | CEO
avery@stac12.com

### VALUE PROPOSITION

- STAC12's platform provides a real pathway to more reliable, efficient, and powerful devices through unprecedented heat management
- STAC12's platform provides a real pathway to portable, scalable, and efficient quantum devices
- STAC12's diamond integration unlocks the potential of diamond, allowing users to leverage its superior material properties

## AGC CARBON

**AGC Carbon leverages $CO_2$ emissions to make zero-carbon footprint soda ash.**

### PROBLEM

- About 50 $GtCO_2$ annual emissions are a challenge to achieve Net Zero
- $CO_2$ emissions is mission critical to many businesses, but current carbon capture solutions are expensive and a significant handicap in achieving Net Zero
- Market urgently demands a different approach

### SOLUTION

- We will install carbon capture systems at customer sites to capture $CO_2$
- $CO_2$ makes 40% of feedstock to make soda ash
- By reacting $CO_2$ with caustic, we can produce low-cost soda ash

### INDUSTRY
Cleantech, energy

### TARGET MARKET
Soda ash market

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 2-3

### FUNDING TO DATE
Bootstrapped $330,000
SAFE notes raised $75,000

### CONTACT
Sumeet Gandhi | Founder and CEO
sumeet@agccarbon.com
agccarbon.com

### VALUE PROPOSITION

- By converting $CO_2$ into soda ash, we will be able to target a $20 billion global total addressable soda ash market
- Thus, AGC Carbon will become one of the largest zero carbon footprint soda ash manufacturers globally

AIRENERGY

## AIR ENERGY

**Air Energy has developed an ultra-lightweight solid-state lithium-air battery with 3x higher energy density—validated by a major defense prime—to power the next generation of electric aviation and defense systems.**

### PROBLEM

- Limited range, short mission endurance, and high flammability risk constrain performance
- Lithium-ion technology cannot meet the energy density demands of next-gen electric aviation and defense systems
- U.S. lacks domestic manufacturing of next-gen batteries, increasing reliance on foreign supply chains

### SOLUTION

Air Energy is commercializing a breakthrough solid-state lithium-air battery with 3x the energy density of today's lithium-ion. Our technology is built for dual-use applications and backed by U.S. Navy-sponsored testing—positioning us to lead the next generation of high-performance energy storage.

### CONTACT

Ben Drake | Cofounder and CEO
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airenergyllc.com

### INDUSTRY

Cleantech, Energy

### TARGET MARKET

Dual-use drone market that demands lightweight, high-endurance, and ultra-safe energy solutions

### STAGE

Seed Round via SAFE $1 million

### TECHNOLOGY READINESS: 3-4

### FUNDING TO DATE

$0 dilutive; received anchor investor commitments; significant non-dilutive funding from U.S. Government to derisk technology.

### VALUE PROPOSITION

- 3x energy density: Enables 3x extended range and endurance for drones, eVTOLs, and defense platforms
- Ultra-lightweight and nonflammable: Improves safety and performance while reducing mission risk
- Defense-validated and dual-use ready: Validated by a major defense prime and U.S. Navy-sponsored testing, with applications across commercial and national security markets

# INERTIAL

## INERTIAL

**Inertial captures $CO_2$ and water vapor from post-combustion industrial exhaust gases and then sells the captured gases to downstream utilization customers.**

### PROBLEM

- Power companies are spewing >$100M in potential revenue into atmosphere in form of $CO_2$ and $H_2O$
- Post-combustion carbon capture is notoriously difficult due to large flow rates, high moisture content, and relatively low $CO_2$ concentration
- Difficult to reduce Scope 2 emissions powering offices and data centers make up ~25% of tech companies' emissions

### SOLUTION

- Inertial is building a solution to capture up to 1 million tons/yr of $CO_2$ at <$70/ton and up
- Scope 1 emissions reductions for powerplant equals permanent Scope 2 reductions for data centers and tech companies
- Innovative approach allows Inertial to sell $CO_2$ and $H_2O$ at profitable prices independent of tax credits or carbon markets

### INDUSTRY

Cleantech, energy

### TARGET MARKET

Power generation, data centers, carbon/water utilization companies, steel, cement, etc.

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 3

### FUNDING TO DATE

$335,000 ($305,000 NSF Phase I STTR)

### CONTACT

Alec Houpt | CEO
Alec.Houpt@inertial.xyz
inertial.xyz

### VALUE PROPOSITION

- Reduce Scope 1 emissions for power companies to sell low carbon power at 5-15% premium
- Achieve tech companies' GHG targets (Scope 1 and 2) faster and cheaper than purchasing carbon offsets or waiting on renewables
- Large, reliable source of $CO_2$ to CCUS customers to scale faster and focus on converting $CO_2$ into more valuable products

## MATERIUM TECHNOLOGIES

**Recyclable self-assembled nanocomposite coatings that boost performance and durability in electronic, photonic, and energy storage devices.**

### PROBLEM

- Multilayer coatings require complex, energy-intensive deposition
- Devices can lose up to 20% efficiency and degrade faster due to overheating and UV damage
- Millions of tons of non-recyclable electronic film waste are generated annually

### SOLUTION

- Entropy-driven self-assembly yields ultra-thin, defect-free nanosheet coatings in a single solution-based step
- Machine learning is used to optimize formulations for specific optical, thermal, and dielectric properties
- Compatible with spray, spin, and roll-to-roll processes for scalable production on diverse substrates

### INDUSTRY
Advanced materials, energy

### TARGET MARKET
Microelectronics, photonics, energy storage

### STAGE
Pre-Seed (Seed round early 2026)

**TECHNOLOGY READINESS:** 4

**FUNDING TO DATE:** $250,000

### CONTACT
Scott Daniel | Cofounder and CEO
scott@materiumtech.com
materiumtech.com

### VALUE PROPOSITION

- Reduces manufacturing time and energy required to apply precision multi-layer coatings
- Extends device lifespan and reliability with ultra-low defect dielectric barrier coatings that block moisture, oxygen, and VOCs
- Drives circularity with re-dissolvable coatings that enable recovery and reuse of materials

Tanda BioTech
SUSTAINABLE BIOPROCESSING

## TANDA BIOTECH

**Breaking the capacity bottleneck in biomanufacturing with next-generation, sustainable, and cost-efficient filtration technologies.**

### PROBLEM

- Low-volume processing, such as in R&D and personalized medicine, is bulky, wasteful, and has a lack of automation
- Insufficient capacity and prohibitively expensive for large-scale production of commodity bioproducts
- Batch processes require multiple intermediate steps, further driving up cost and complexity

### SOLUTION

- Proprietary flow path and controls shrink equipment size by 5x, enabling high-throughput R&D in compact lab settings
- Innovative channel design increases throughput up to 4x while improving scalability and reducing system footprint
- Modular architecture ensures seamless scale-up and high uptime, enabling a smooth shift from batch to continuous bioprocessing

### INDUSTRY
Cleantech, biotech

### TARGET MARKET
Synthetic biology, biologics, biotech, and personalized medicine

**STAGE:** Pre-Seed in Fall 2025

### TECHNOLOGY READINESS:
7-8 for lab scale solutions
4-5 for larger solutions

**FUNDING TO DATE:** $400,000

### CONTACT
Yingqing Huang | Founder and CEO
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tandabiotech.com

### VALUE PROPOSITION

- Reduces manufacturing time and energy required to apply precision multi-layer coatings
- Extends device lifespan and reliability with ultra-low defect dielectric barrier coatings that block moisture, oxygen, and VOCs
- Drives circularity with re-dissolvable coatings that enable recovery and reuse of materials

## RISE REFORMING

**Carbon negative chemicals from unrecyclable plastic waste.**

### PROBLEM

- At least 1.2mn tonnes of post-industrial plastic—the byproducts of plastic manufacturing processes—enter landfills each year in the U.S. Recent studies have shown that 40% of landfilled plastic degrades into methane and $CO_2$ within 25 years of landfill entry.
- At the same time, the chemical industry contributes to 5-6% of global emissions, and 96% of American products contain chemicals
- We need to find non-extracted raw materials to make chemicals, but no one will pay a premium for the alternative

### SOLUTION

- Rise Reforming is developing a patent-pending process to produce carbon negative dimethyl ether (DME) from unrecyclable plastic waste
- We take plastic waste companies otherwise pay to dispose of, saving them thousands

### INDUSTRY

Cleantech, energy

### TARGET MARKET

Aerosols, propane

**STAGE:** Pre-Seed (Seed round Fall 2025)

**TECHNOLOGY READINESS:** 3

**FUNDING TO DATE:** $275,000

### CONTACT

George Rose | Cofounder and CEO
george@risereforming.xyz
risereforming.xyz

### VALUE PROPOSITION

- We save plastic packaging manufacturers up to $260,000 over the lifespan of a single module by handling their waste for cheaper
- We sell DME at a price competitive with fossil-derived DME in the aerosol industry, enabling an industry-wide, budget-neutral transition to a sustainable alternative
- We enable the cheapest decarbonization available today for the propane industry

SOLITUDE LABS

## SOLITUDE LABS

**Securing edge devices on the energy grid.**

### PROBLEM

- The unprecedented rise in demand for energy due to data centers and AI is stressing our aging grid infrastructure
- Cyberattacks against utilities have increased by 70% since 2022
- Distributed Energy Resources (DERs) can be quickly integrated to meet demand and improve resiliency, but they create a large attack surface

### SOLUTION

- Solitude Labs is building a zero-trust, decentralized software platform to secure DERs at the edge
- The software can be embedded onto each DER or implemented on a custom-built gateway for legacy assets

### INDUSTRY

Energy, cybersecurity

### TARGET MARKET

Utilities (primary), C&I (secondary), DER OEMs (tertiary)

**STAGE:** Pre-Seed (Raising Seed in Fall)

**TECHNOLOGY READINESS:** 4

**FUNDING TO DATE:** $440,000

### CONTACT

James Wolf | Cofounder and CEO
james.wolf@solitudelabs.org
solitudelabs.org

### VALUE PROPOSITION

- With device-level access control, we can create tailored solutions that address the needs of each unique utility architecture
- Our solution removes dependencies on centralized trust and PKI infrastructure, allowing for dynamic access governance that adapts alongside grid modernization
- Integration of DERs allows providers to meet clean energy goals and move closer to carbon-free generation

asters
Virtual Worlds | Simulated Intelligence | Real Insights

## ASTERS

**AI-powered digital twins for venues—enabling better emergency preparedness through proactive mitigation, smarter training, and advanced simulations.**

### PROBLEM

- Security teams lack data-driven tools to optimize staff, routes, and resources, increasing risk and millions in liability
- Outdated, static emergency drills leave venues dangerously unprepared for today's unpredictable or evolving threats
- Existing simulation tools can't scale, adapt, or reflect realistic human behavior in high-stakes situations

### SOLUTION

- AI-driven scenario orchestration to simulate any venue, threat, or crowd in real time for instant "what-if" scenario planning
- Multi-agent AI models stress-test protocols, find bottlenecks, and recommend dynamic response strategies and actionable insights
- Plug-and-play immersive 3D environments deliver hyper-realistic, scenario-based training and after-action review

### INDUSTRY

AI, Physical Security Technology

### TARGET MARKET

Stadiums, convention centers, critical infrastructure

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 4

**FUNDING TO DATE:** $31,500

### CONTACT

Joshua Waite, PhD | Cofounder and CEO
joshua@asters.tech
asters.tech

### VALUE PROPOSITION

- Delivers dynamic, data-driven emergency preparedness—reducing risk, insurance costs, and potential disaster losses by millions annually
- Continuously adapts to new protocols, threats, and venue layouts to future-proof compliance and risk management
- Rapid onboarding through a SaaS-type model, ensuring modularity and scalability

## ORO INTELLIGENCE

**Health tech startup leveraging AI to reduce no-shows and optimize scheduling for healthcare providers.**

### PROBLEM

- Across the U.S. healthcare industry, between 5-20% of all appointments are canceled/no-showed—higher in primary care, lower in specialty
- $150 billion of possible revenue is not captured due to late notice cancellations
- Wait times for care are extremely high, 26 days in primary care and 6+ months for some specialties

### SOLUTION

- ORO is building an AI agent to handle scheduling, predict and prevent no-shows, and perform automated waitlist management
- We can reduce no-shows and cancellations by over 50%, driving revenue recapture and shortening wait times

### INDUSTRY

Healthcare technology, AI

### TARGET MARKET

Healthcare provider organizations, e.g. hospitals and clinics

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 3

**FUNDING TO DATE:** $25,000

### CONTACT

TJ Davison | CEO
tj@orointelligence.com
orointelligence.com

### VALUE PROPOSITION

- We help healthcare organizations take control of their schedules and see more patients without overbooking
- We reduce no-shows and late cancellations through a data-driven approach to scheduling and waitlist management
- Our AI handles scheduling calls, appointment reminders, and other administrative scheduling tasks, saving overhead costs

## LEGION SPACE

**Legion Space is turning satellites into autonomous teammates by bringing the first "app store" for space, no ground stations needed.**

### PROBLEM

- Satellites depend on ground stations to process data and receive instructions, creating delays and high costs
- Satellites lack in-orbit collaboration, forcing each satellite to operate in isolation
- Upgrading satellite capabilities requires new launches, making space inflexible and expensive to adapt

### SOLUTION

- Eliminate costly, slow ground station dependence by enabling satellites to process data and make decisions on orbit
- Transform isolated satellites into intelligent, collaborative networks through intersatellite intelligence
- Enable satellites to upgrade and adapt mid-mission via OrbitStore, the first "app store" for space, delivered through our vertically integrated plug-and-play LegionKIT

### INDUSTRY

Aerospace, deep tech, AI

### TARGET MARKET

Stadiums, convention centers, critical infrastructure

**STAGE:** Pre-Seed

**TECHNOLOGY READINESS:** 3

**FUNDING TO DATE:** 0

### CONTACT

Marwah Roussi | CEO
legion@legion-space.com
legion-space.com

### VALUE PROPOSITION

- Accelerate time-to-insight from hours to seconds, enabling faster, smarter decisions in orbit
- Reduce operational costs by cutting down unnecessary data downloads and ground infrastructure reliance
- Extend mission flexibility and lifespan by allowing satellites to adapt to changing needs without expensive new launches

## PAC DYNAMIC

**Energetic modeling and precision medicine for heart failure.**

### PROBLEM

- Current heart failure care is largely reactionary and guideline-based with limited patient-specific interventions
- We lack objective data to help guide the next best therapy or intervention for the individual patient
- Delays in care and ineffective care have led to stagnation in outcomes; mortality and cost of care delivery are on the rise

### SOLUTION

- PAC Dynamic uses reverse engineering to 'unmask' key patient-specific energetic information to better phenotype patients
- After a complete understanding of the energetic and physiologic state of the patient, we can better predict and guide response to therapies
- This information will be integrated into a clinical decision support platform to guide care

### INDUSTRY

Healthcare technology, AI

### TARGET MARKET

Hospitals, medical device companies

**STAGE:** Pre-Seed (Seed round Fall 2025)

**TECHNOLOGY READINESS:** 3

### FUNDING TO DATE:

$750,000, non-dilutive for R&D

### CONTACT

Jonathan Grinstein | Founder and CEO
info@pacdynamic.com
pacdynamic.com

### VALUE PROPOSITION

- We will reduce delays in care delivery and improve the efficacy of care by guiding clinicians to provide the right therapy for the right patient at the right time
- This will lead to a reduction in the cost of care delivery
- Patients, providers/hospitals, device companies, and payors all benefit

Slideflow Labs

## SLIDEFLOW LABS

**AI-driven precision oncology infrastructure that improves both the cost and quality of cancer care delivery.**

### PROBLEM

- Current precision oncology is slow (~3 weeks), expensive (~$4,000/test), and incomplete, leading to patient overtreatment
- Hospitals lack control over patient data and workflow when relying on outsourced testing for precision diagnostics
- Adopting in-house AI is limited by complex infrastructure requirements and data security risks for healthcare systems

### SOLUTION

- Integrated platform that runs AI models locally on slides digitized with software-enabled low-cost, FDA-cleared portable scanners or already existing hardware
- Deploys flexibly via on-prem or cloud integration, ensuring full data control without costly infrastructure investment
- Powerful no-code interface allows organizations to build new AI models using their own slide data with support through optimization/regulatory processes

### INDUSTRY

Biotechnology, AI, precision oncology

### TARGET MARKET

Integrated care delivery systems (e.g., Kaiser) and academic medical centers; secondary market in pharmaceutical/CRO research partnerships

**STAGE:** Seed

**TECHNOLOGY READINESS:** 6

**FUNDING TO DATE:** $100,000 Non-dilutive

### CONTACT

Sid Ramesh, MD, MS | Cofounder and Chief Scientific Officer
sid@slideflow.ai
slideflow.ai

### VALUE PROPOSITION

- Drive significant new revenue streams by capturing standard-of-care reimbursement for fast, in-house AI-driven diagnostic tests
- Accelerate patient care by cutting diagnostic turnaround from weeks to hours and accessing novel risk-stratification biomarkers
- Retain 100% ownership of new AI biomarkers that institutions build/validate on our platform, incentivizing ecosystem participation and rapidly expanding model availability

The {Dev} Difference

## THE DEV DIFFERENCE

**The Dev Difference is an AI interview agent that assesses technical talent to look for more than just technical fit, but the best overall fit, without fear of AI cheating.**

### PROBLEM

- Teams spend 3x more time reviewing candidates than they did 3 years ago
- 2 out of 3 hiring teams report issues with AI-assisted cheating in interviews
- Good talent is lost in crowded pools due to resume filters and limited assessments

### SOLUTION

- The Dev Difference is an AI interview agent that creates and leads structured, holistic interviews to assess candidate fit
- Our platform includes integrity checks to detect AI cheating during interviews
- Our custom technical and behavioral assessments replace outdated screening tools with a custom, fit-focused interview agent

### INDUSTRY
AI and HR tech

### TARGET MARKET
HR tech

**STAGE:** Seed

**TECHNOLOGY READINESS:** 6

**FUNDING TO DATE:** $125,000

### CONTACT
Jovanay Carter | Cofounder and CEO
jovanay@thedevdifference.com
thedevdifference.com

### VALUE PROPOSITION

- Hiring teams regain 3x the hours spent in hiring per role by reducing interview volume to only high-fit candidates
- We help companies save up to $200,000 in mishire costs by evaluating true team fit, not just skills or resumes
- We protect interview integrity in a market flooded with AI-written applications and cheating tools

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