

EXPERIENCES

- **Jaimy.ai, Founder**

◦ Defined product roadmap and executed on schedule for an AI-native client relationship platform, achieving \$50k ARR.

◦ Raised \$150k in pre-seed funding and was aqua-hired by Clado.ai
- **University of Pennsylvania, Teaching Assistant**

◦ Led and managed product planning and physical prototype development for M&TSI, a high school program, guiding students through the entire project lifecycle.

◦ Mentored and advised 3 teams on software engineering best practices and project execution for their CIS 3500 final projects

◦ Designed and delivered project-based labs with a strong hardware focus for ESE 1120, Electricity & Magnetism
- **Shades.news, Software Engineer**

◦ Built user insights analytics and UI using Google Cloud Run, Firestore, React Native, and Go

◦ Developed a custom ingestion pipeline for news articles and used NLP to automate content creation
- **DataGrade, Software Engineer**

◦ Led transition to PostgreSQL, implemented graphical CMS, and integrated new API endpoints with generative AI enhancements

EXTRACURRICULAR ACTIVITIES

- **Penn Labs, iOS Project Lead**

◦ Led a team to build, LabsAnalytics, a high-performance asynchronous analytics service for PennMobile iOS/macOS app

◦ Develop and maintain the backend service PennMobile that services over 10,000 users for crucial campus services
- **Sentinel Capital, Partner**

◦ Managed a student-run hedge fund with \$50,000 AUM and led the Lambda Fund for algorithmic trading strategies.
- **M&T Innovation Fund, Fund Manager**

◦ Sourced and consulted for technical Penn startups, managing grants up to \$10,000 and developing new fund strategies
- **FranklinDAO, Investment & Ventures**

◦ Engaged with web3 startups, contributed to a sourcing newsletter, and developed blockchain-based projects

COMPETITIONS & HACKATHONS

- **Consensus Hackathon 2024**

◦ Won \$10,000 in prizes and a \$50,000 grant for a decentralized finance platform, Lens, on the Rootstock network
- **Craft Ventures HackAthon 2024**

◦ Won \$5,000 by building an AI agent for calendar management, achieving top 5 among 2000+ applicants
- **VeChain x EasyA Hackathon 2023**

◦ Won \$1200 in prizes and \$30,000 in funding for a Vechain based dApp promoting sustainable travel
- **Carnegie Mellon picoCTF 2022**

◦ Solved over 260 challenges in categories such as cryptography, reverse engineering, and binary exploitation

◦ 3rd/7794 globally; 2nd/340 nationally (Canada); 8200 Individual Points

EDUCATION — JEROME FISHER M&T PROGRAM

- **The Wharton School, BS — Finance & Entrepreneurship**

GPA: 3.9

◦ **Relevant Coursework:** Finance, Accounting, Valuations, Macro/Microeconomics, Marketing, Management, Operations
- **University of Pennsylvania, BSE — Computer Engineering**

GPA: 3.7

◦ **Relevant Coursework:** Discrete Math, Data Structures & Algorithms, Advanced Dynamic Programming, Calculus I-IV, Linear Algebra, Probability & Statistics, Operating Systems & Hardware Design

PROJECTS

- **ESPWoL** Designed and implemented ESPWoL, a hardware Wake-on-LAN solution, managing the full development lifecycle from concept to deployment. Raised over \$56k on Kickstarter.

• **ESPWoL** Hardware Wake-on-LAN implementation using ESP32 for remote PC booting.

• **QOA: the Quite Okay Attendance system** Open source attendance system inspired by APlus+ attendance.

• **Flipper Meshtastic SX1262** LoRa software for long-range peer-to-peer communication on Flipper Zero.

• **SynologyMerge** Streamlines Synology NAS package management; over 50 stars on GitHub.

• **Donna** Customizable conference registration system for the World Affairs Conference.

TECHNICAL SKILLS

- **Proficient Languages:** C++ (Embedded systems), JavaScript/TypeScript, Python, Java, OCaml, Golang, Swift

• **Tools & Frameworks:** React (Native), AWS, GCP/Firebase, Docker & Kubernetes, PostgreSQL, Django, Next.js, Tailwind, ESP-IDF, PyTorch