

EXPERIENCES

- Clado AI, CPO** Aug 2025 - Present
 - Leading design and development of Clado’s AI-powered people search engine, enabling granular search across 800M profiles
 - Built and deployed agentic search framework deploying thousands of AI agents for profile discovery and enrichment
- Jaimy.ai, Founder** Nov 2024 - Aug 2024
 - 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** Jan 2023 - Present
 - 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** May 2024 - Aug 2024
 - 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** Jun 2023 - May 2024
 - Led transition to PostgreSQL, implemented graphical CMS, and integrated new API endpoints with generative AI enhancements

EXTRACURRICULAR ACTIVITIES

- Penn ARC W3ABT, President**
 - Led the Penn Amateur Radio Club driving radio education, fraternity-building, and technical proficiency in RF systems
 - Oversaw club operations including licensing support, hands-on electronics and antenna projects and hardware design
- 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
- 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