

# Jefferson Ding

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## EDUCATION — JEROME FISHER M&T PROGRAM

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- **The Wharton School, BS — Finance & Entrepreneurship** Philadelphia, PA
  - **GPA:** 3.9
  - **Relevant Coursework:** Finance, Accounting, Valuations, Macro/Microeconomics, Marketing, Management, Operations
- **University of Pennsylvania, BSE — Computer Engineering** Philadelphia, PA
  - **GPA:** 3.7
  - **Relevant Coursework:** Discrete Math, Data Structures & Algorithms, Advanced Dynamic Programming, Calculus III-IV, Linear Algebra, Probability & Statistics, Operating Systems & Hardware Design
  - **Teaching Experience:** Software Engineering, Electricity & Magnetism, Intro to Computer Systems

## PROFESSIONAL EXPERIENCES

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- **Jaimy.ai, Founder** Apr 2024 - Present
  - Co-founded and built an agent-native client relationship platform leading a team of 3 engineers
  - Managed the fundraising, finances and operations of our pre-seed round capital
- **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
- **MYDWARE Inc., Cybersecurity Intern** Jun 2022 - Sept 2020
  - Developed a full-stack cybersecurity dashboard and engaged in research, creating a weekly newsletter

## EXTRACURRICULAR ACTIVITIES

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- **Penn Labs, Backend Engineer**
  - Develop and maintain the backend service PennMobile that services over 10,000 users for crucial campus services
  - Developed backend services and created LabsAnalytics, a high-performance asynchronous analytics service
- **Sentinel Capital, Managing 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 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 projects

## COMPETITIONS & HACKATHONS

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- **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
  - 3<sup>rd</sup>/7794 globally; 2<sup>nd</sup>/340 nationally (Canada); 8200 Individual Points

## PROJECTS

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- **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 40 stars on GitHub.
- **Donna** Customizable conference registration system for the World Affairs Conference.

## TECHNICAL SKILLS

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- **Proficient Languages:** JavaScript/TypeScript, Python, Java, C++, OCaml, Golang, Swift, Solidity
- **Tools & Frameworks:** React (Native), AWS, GCP/Firebase, Docker & Kubernetes, PostgreSQL, Django, Next.js, Tailwind, ESP-IDF, PyTorch