

Jefferson Ding

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EDUCATION

- **University of Pennsylvania** Philadelphia, PA
 - **B.S. in Engineering at the School of Engineering and Applied Sciences:** Computer Engineering
 - **B.S. in Economics at the Wharton School:** Finance and Entrepreneurship
 - **GPA:** 3.70
- **Upper Canada College:** GPA 4.0 Chair of World Affairs Conf. Head of Coding Club Toronto, ON

EXPERIENCES & ACTIVITIES

- **Professional Experiences**
 - **Shades.news, Software Engineer** May 2024 - Aug 2024
 - Built a full-stack implementation of user insights analytics and associated UI using Google Cloud Run, Firestore and React Native
 - Created a custom testing suite for the Shades.news backend endpoints using Jest.
 - **Jaimy.ai, Co-Founder & CEO** Apr 2024 - Present
 - Created an AI-native meeting copilot that takes over the entire process of scheduling, organizing, and managing meetings
 - Led a team of 4 to operate the start-up, and is currently in talks with pre-seed investors for funding
 - **DataGrade, Junior Software Engineer** Jun 2023 - Present
 - Lead transition from Airtable to PostgreSQL and implemented graphical CMS
 - Integrated new API's endpoints using custom scripts from HaveIBeenPwned and PeeringDB, and Enhanced the use of generative AI to analyze specific privacy policies
 - **MYDWARE Inc., Cybersecurity Intern** Jun 2022 - Sept 2020
 - Developed a full-stack cybersecurity dashboard for a small business client using React, Node.js, and MongoDB
 - Engaged in cybersecurity research and analysis, including the creation of a weekly cybersecurity newsletter
- **Extracurricular Engagement**
 - **Backend Engineer, Penn Labs**
 - Develop backend infrastructure for Penn Labs, a student-run software development organization at the University of Pennsylvania
 - **Managing Partner, Sentinel Capital**
 - Handle the management of the student-run investment fund with \$100,000 AUM and lead efforts in growth and investment strategy
 - Manage the Lambda Fund, an algorithmic trading fund testing and implementing trading strategies using Python and Golang
 - **Development Lead & Investment Ventures Member, FranklinDAO**
 - Compete in web3 hackathons and develop major blockchain projects such as building an ETH verifier node
 - Source and engage with web3 startups for venture capital partners; contribute to the creation of a bi-weekly sourcing newsletter
 - **Special Projects Lead, Wharton Undergraduate Finance & Technology Group**
 - Develop research outcomes and technical products for WUFT corporate partners in the fin-tech field
- **Competition & Hackathon Highlights**
 - **Consensus 2024 Hackathon** Won \$10,000 in prizes and a \$50,000 grant building a decentralized finance platform facilitating credit scoring on the Rootstock network.
 - **Craft Ventures HackAthon 2024** Won \$5,000 in prizes by building an autonomous AI agent that handles calendar management and scheduling. Achieved top 5 in the competition with 2000+ applicants)
 - **Vechain x EasyA Hackathon 2023** Won \$1200 in prizes and \$30,000 in venture funding; created a Vechain based app using React Native and Solidity that promotes sustainable travel and positive consumer behaviour
 - **picoCTF** Achieved 3rd/7794 in the top 1% globally; 2nd/340 nationally (Canada); 8200 Individual Points

PERSONAL PROJECTS HIGHLIGHTS

More can be found on my [GitHub](#)

- **ESPWoL** A hardware Wake-on-LAN implementation using an ESP32 to remotely boot a PC without software WoL.
- **Flipper Meshtastic** SX1262 LoRa based software to enable long range peer-to-peer communication for the Flipper Zero.
- **SynologyMerge** Streamlines the process of managing and migrating Synology NAS packages; over 40 stars on GitHub.
- **Donna** A fully customizable conference registration system developed for the World Affairs Conference and more.
- **PloverMaster** CLI utility using GeminiPR to facilitate stenography practice and learning.

TECHNICAL SKILLS

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