Terry Su

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EDUCATION

University of Waterloo   Waterloo, ON
Bachelor of Computer Science - BCS   *Sep. 2022 – May 2026*
- GPA: 4.0/4.0
- Activities/Societies: UW Running & Marathon Club, UW Cycling Club, Waterloo Aerial Robotics Group

EXPERIENCE

Robinhood   May 2024 – Aug. 2024
Backend Engineer Intern   *Menlo Park, CA*
- Scheduled to complete a 12-week internship.

Rainmaker Finance, Inc. (YC W23)   Jan. 2024 – Apr. 2024
Software Engineer Intern   *New York City, NY*
- Re-built Github Actions CI pipeline, decreasing test suite runtimes up to **50%** by dockerizing services and optimizing execution with YAML scripting.
- Boosted average site visit times **+20%** to **5min**, by automating weekly Defi Airdrop blog posts through web-scrapping cron jobs utilizing Puppeteer, Cheerio, OpenAi, and the Ghost CRM API.
- Reduced risk of **thousands** in gas sponsorship by abstracting Redis caching features and implementing an E2E rate-limiting system using TRPC, Zod, and Prisma.
- Integrated Renzo's ERC20 staking strategies, accumulating **100+** user transactions and **13k** USD TTL in under a month by leveraging Ethers smart contracts and call-data execution with ZeroDev.

Dandelion Networks   May 2023 – Aug. 2023
Software Engineer Intern   *Toronto, ON*
- Fully refactored protocol buffers package using Golang, Gomega, Gogink, and Bash scripting, sustaining the currency of the blockchain, improving proto file compilation time by **60%**, and test coverage by **10%**.
- Leveraged the Cobra Golang CLI and gRPC, to implement the internal P2P node state algorithm as a core feature of the Go SDK architecture.
- Deployed an essential end-to-end React Native NFC card scan flow for digitally storing collectible game cards on AWS DynamoDB, impacting **1000+** alpha testers and a **$10M+** liquidity pool.
- Obtained SSL Certification through Certbot on an Nginx server block for a Docker instance of Mautic, supporting traffic security and integrity.

Hack+   Mar. 2022 – Aug. 2022
Software Engineer Intern   *Fremont, CA*
- Built Dash2, a financial management platform, providing service to **730+** student founders at Hack+.
- Created and serviced API routes/endpoints with Express.js, Google Storage, and Next.js to minimize the number of manual receipt uploads and transactions.
- Wrote DOM unit tests using Jest and dependency mocking to maintain the application's stability.

PROJECTS

RE/MAX Pre-Construction App ⧉ | *Next.js, Node.js, Typescript, Figma, Google Cloud*   Apr. 2022 – Present
- Designed and implemented a full-stack Next.js/React.js application to streamline buy/sell operations for **240+** REMAX agents and hundreds of their clients.
- Facilitated the research process of **$1B+** in property listings through an intuitive UI/UX designed on Figma.
- Integrated the Notion and Google Maps API to a Node.js server, realizing core endpoint call features.

SKILLS

Languages: Python, JavaScript, TypeScript, Golang, C, C++, VHDL, ARM, HTML, CSS, Sass, Solidity
Technologies: Node.js, React.js, React Native, Nuxt.js, Firebase, SQL, PostgreSQL, MongoDB, gRPC, Flask, Jest, Tensorflow, PyTorch, Heroku, Docker