

June Xu

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EDUCATION

Bachelor of Computer Science and Psych Minor, University of Waterloo *Expected April 2021*

Activities and Societies: • Math Councillor and Senator on Federation of Students • Hack the North Executive Assistant • Math Society Class Rep • Women in Computer Science Mentor and Tech+ Mentor

WORK EXPERIENCE

Software Engineering Intern, Datadog *San Francisco, Sept - Dec 2020*

- Working on the Metrics Query team

Software Engineering Intern | Custody, Coinbase *San Francisco, Jan - Apr 2020*

- Improved latency of the most frequently called endpoint by **200%** by persisting local balance calculations to a new database, reducing the number of SQL queries from approx. 1600 to 200
- Direct report for a project that was a Q1 OKR overseen by Brian Armstrong. The project required moving all client balances stored on Custody to an internal Unified Ledger.
- Implemented majority of the functionality using **Ruby**, **Postgres** and **Datadog** for monitoring
- Worked cross-functionally with the Ledger and Infrastructure teams, communicating and relaying project updates and progress

Software Engineering Intern | Google Cloud, Google *Sunnyvale, May - Aug 2019*

- Built a data analysis pipeline using C++ that analyzes Google Cloud Engine networking usage. Also created a dashboard to monitor this pipeline.

Software Engineering Intern | Autopilot Infrastructure, Tesla *Palo Alto, Sept - Dec 2018*

- Created a Python library integrating Docker Compose to create and orchestrate Docker containers to run Autopilot simulations locally
- Embedded a LUA interpreter with C++ to run inside all Tesla cars for better data capture

Software Engineering Intern | Platform API, GoDaddy *Seattle, Jan - April 2018*

- Built the new Shopper API using **Java** for creating and retrieving customer records, dockerized with **Kubernetes** and deployed live in GoDaddy's internal public cloud
- Improved the team's Slackbot to update and maintain the current Github PRs open using **Python**

Full Stack Developer Intern, Chalk *Waterloo, May - Aug 2017*

- Built and implemented a collaboration feature to allow **200K+** users to share **10M+** lesson plans using **ReactJS**, **Ruby on Rails**, and **MySQL**
- Developed a filter search system for searching over **1M+** curriculum maps using **Elasticsearch**

PROJECTS

BlockDataVis | <https://github.com/june-xu/blockvisualization> *Feb 2018*

- Developed a data visualization platform to analyze the interactions between millions of CryptoKitty smart contracts using **NodeJS**, **ReactJS**, **Postgres** and the Graph API
- Created and designed the platform using **Sketch** in under 36 hours at EthDenver