Austin Leung

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Education

Carnegie Mellon University   *Pittsburgh, PA*

B.S. in Information Systems, Minor in Software Engineering (GPA: 4.0/4.0)   *May 2022*

Coursework: Application Design, Software for Startups, Software Construction, Consulting, Data Science, Database Design, API Design, Computer Systems, Functional Programming

Work Experience

Citadel Securities   *New York, NY*

Software Engineer   *Sep 2022 - Present*

- Develop real-time web-based applications for trading across global Semi-Systematic Equities & Credit desks (React/TypeScript/kdb+/Q)
- Partner with trading and quantitative researchers to identify gaps in workflows and design technology solutions in a tight feedback loop
- Own numerous trading applications involving daily support, managing stakeholders, and cross-prioritizing feature requests & initiatives across applications

DoorDash   *Remote*

Software Engineer Intern   *May – Aug 2021*

- Architected and implemented a full stack onboarding experience for self-delivery merchants, resulting in an 86% relative increase in conversion rate and a 14x reduction in downtime (React/Kotlin)
- Led cross-functional collaboration across 7 teams to gather requirements, resolve issues, and drive project to completion

Pluralsight   *Remote*

Software Developer Intern   *May – Aug 2020*

- Pair and mob programmed daily in tandem with the full stack playlists and profile team (React/TypeScript/Node)
- Designed an Express middleware security package distributed to 60 engineering teams to prevent cross-site scripting attacks on all Pluralsight webpages

Projects

Foster Love Inventory System   Feb – Jun 2021

- Partnered with a Pittsburgh non-profit organization to develop a Django inventory system for tracking items being checked in and out by foster families
- Managed a team of five developers by maintaining a Kanban board, holding standup twice a week, and organizing a weekly client meeting

Skills

Programming: TypeScript, JavaScript, HTML, CSS, Python, Java, C, SQL, Q, Kotlin, Swift, Ruby, SML

Technologies and Applications: React, kdb+, Django, Rails, React Native, Node, Express, Pandas, scikit-learn, Scrapy, PostgreSQL, Redux, Docker, Git, Github Actions, Vue