Andrew Chan

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WORK EXPERIENCE

Quantum Metric – Redmond, WA

Senior Software Engineer   Jan 2023 – Jan 2025
- Collaborated with the SVP of Engineering to create Focus Mode, a highly technical feature to recontextualize session based queries around specific predicate conditions, rather than the whole session, with currently up to ~10% of all filters in a subscription utilizing Focus Mode
- Laid the foundation of unit testing by configuring Jest, writing the initial mocks and tests, and educating the engineering department on newly established unit test standards
- Streamlined time-to-first-query and applied other creative platform optimizations through various projects, reducing query times from > 5s to ~3s by collaborating across departments
- Vital as the lone SME (subject matter expert) in the development of multiple features, as well as collaborating heavily with other senior engineers to help features cross the finish line, that were instrumental in closing a $10+ million deal with a major US telecommunications client

Front End Software Engineer   Mar 2022 – Jan 2023
- Refactored strongly coupled React components to promote reusable and DRY coding principles
- Promoted within the first cycle due to exceptional performance, leadership and communication

Nisum (at SF-based Fortune 500 consumer retail client) – Fremont, CA

Front End Software Engineer   Jan 2020 – Mar 2022
- Developed critical customer facing e-commerce features for Q4 2020 peak using Vue and Javascript, subsequently resulting in a ~26% revenue growth that quarter
- Upgraded the deployment pipeline from bash scripts to a Node.js service with four 9s reliability to handle different configurations across 6 brands, with a focus on computational efficiency
- Conducted interviews for candidates, evaluating technical skill for software engineer positions

App Academy – Fremont, CA

Software Engineer Technical Admissions Specialist   Aug 2019 – Dec 2019
- Conducted technical interviews for potential candidates in Javascript, Ruby, and Python

EDUCATION

App Academy - Immersive three month full stack software engineering program   Feb 2019 - May 2019
University of Washington, Seattle - B.S. Applied Physics   Sep 2014 - Dec 2018

SKILLS

Frontend: Javascript, Typescript, React, Redux, MobX, Vue, Tailwind, HTML, CSS, SCSS/SASS
Backend: Node.js, Express.js, MongoDB, GraphQL, PostgreSQL
Other: Git, Webpack, Jest, React Testing Library, Jenkins, Docker, Immutable.js
Limited experience: Go (Golang), Grafana, SQL, Python, Ruby, C#, Playwright