

Yuxuan Zhao

📁 Portfolio | in LinkedIn | ✉ yuxuan.zhao2024@gmail.com | 📞 401-688-8189

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, GraphQL

Framework: Angular, React, Node.js, MongoDB

Testing: Jest, Jasmine, Selenium, Karate

Tools: Git, Jenkins, Docker, Webpack

WORK EXPERIENCE

Fidelity Investments

July 2023 – Present

Full Stack Engineer 3

TypeScript, GraphQL, HTML/SCSS

Trading Dashboard | Fidelity's latest trading platform, attracting 1.25M+ customers in a year

- Architect: iterated over UX designs and product requirements, architected and implemented seamless isomorphic solutions using **Angular** and **Node.js** within a 2-week Agile sprint cycle
- Test: achieved 100% code coverage with **Jest** and **Jasmine**, automated integration tests and system tests with **Selenium** and **Karate**
- Release: planned a series of Minimum Viable Products, created rollout plans, conducted A/B testing, and deployed production installs with **Jenkins** and **Planit**
- Post-release: managed feature toggles and collected metrics in **LaunchDarkly**, monitored **Splunk** dashboards for on-call support

Option Summary | A star business that attracts \$40M in new investment a year

- Enhanced the option summary grid using **AG-Grid**, boosting user productivity by 25%
- Led the design and implementation of **GraphQL** schema and resolvers
- Created **Schematic** rules to automatically generate or modify code templates and layouts

FidChart | Shared component in Active Trader Pro, Trading Dashboard, etc.

- Led the epic of chart enhancement end-to-end as a Subject Matter Expert, including timeline projection, KPI selection, feature toggles, and coordinating cross-functional teams
- Collaborated with accessibility researchers to resolve cross-browser behaviors with **CAT**

CGI

June 2022 – Sept. 2022

Software Engineer Intern

JavaScript, HTML/CSS

- Utilized **React-window** for lazy loading, leveraged **Reselect** to optimize expensive function calls and compute derived data from the **Redux** store state
- Designed **RESTful APIs** with **Node.js** for HR applications and created validations on JSON forms

Cisco Systems

Mar. 2021 – Aug. 2021

Software Engineer Intern

Kotlin

Webex | Enterprise-standard app serving 13M+ users for meetings, messaging, and calls

- Developed **Android** Webex's calling features, achieving 100% code coverage with **Espresso**
- Deployed a **Jenkins** pipeline in CI/CD to automate end-to-end tests, reducing testing time by 40%

EDUCATION

Brown University

Sept. 2021 - May 2023

Master of Science, Computer Science

GPA: 3.9/4.0

Harvard University

Jan. 2022 - May 2022

Cross Registration, Data Structure and Algorithm

GPA: 3.8/4.0

University of Liverpool

Sept. 2016 – July 2020

Bachelor of Science, Information and Computing Science

First Class Honours, Top 1%