

Telvin Zhong

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EDUCATION

Northeastern University | M.S. Computer Science (GPA: 4.0) Expected April 2022

- President of Microsoft Student Partners, Executive Board of Developer Student Club
- Relevant Coursework: Discrete and Data Structures, Object-Oriented Design, Algorithms, Database Management Systems, Web Development, Advanced Software Development, Building Scalable Distributed Systems

UCLA | B.S. Chemistry, Minor in Science Education June 2019

- GSE&IS Dean's Scholar, UCLA Regents Scholar Society, Segal AmeriCorps Education Award, InterActions Journal Writer and Editor, UCLA Academics on the Hill, Los Angeles Mentorship Program

SKILLS

Languages: Python, Go, Java, JavaScript, Ruby, Scala, C, TypeScript

Web Technologies: Node.js, Express, Spring Boot, React, Redux, jQuery, HTML/CSS, Ruby on Rails

Databases: Postgres, MongoDB, MySQL, Redis, DynamoDB

Tools, Platforms, and Cloud: Docker, Linux, Heroku, Git, Pandas, AWS, Azure, Firebase

WORK EXPERIENCE

Software Engineer Intern - [Braze](#) Starting June 2021 – August 2021

- Ruby on Rails, Python, Go, Java

Software Engineer Intern - [Coursera](#) January 2021 – April 2021

- Developed scalable Java services to unpack, parse, and deploy zipped course content from Amazon S3 to production.
- Created clients and models for content ingestion by mapping components from third party courses to Coursera courses.
- Redesigned and improved Scala routes and tests for course content RESTful APIs with AWS Elastic Compute Cloud.

Software Engineer Intern - [Open Water Accelerator](#) September 2020 – December 2020

- Lead the digital portfolio team for Project ANT, a freelancing platform for building and showcasing user portfolios.
- Designed and scaled Postgres databases for long term maintainability and performance using AWS Elastic Beanstalk.
- Implemented authentication with Passport.js and optimized backend APIs in Node.js and Express with TypeORM.

Volunteer Developer - [Develop for Good](#) September 2020 – December 2020

- Launched interactive iOS/android mobile application for the CARE International Yemen Youth and Women Initiative to coordinate the transfer of data from local authorities to youth and women initiatives.
- Created realtime NoSQL database engines with Firebase and added user functionality to the home page.

TECHNICAL PROJECTS

Fullstack Developer - [WhiteBoard](#) February 2021

- Implemented and deployed a full-stack learning management website using React, Redux, Spring, MySQL, and Heroku.
- Designed a complete front end, session handling capabilities, RESTful web services, and server-side data storage.

Backend Developer - [ZoomFit](#) August 2020

- Second place at the Open Water Accelerator Fall Hackathon.
- Deployed a full-stack social media website that allows authenticated users to create and join Zoom workout sessions.
- Built serverless backend with AWS Lambda and wrote functions to fetch user information from DynamoDB.

Fullstack Developer - [Help](#) May 2020

- First place at the 2020 Accenture ServiceNow Hackathon.
- Developed web and mobile application connecting users looking for part-time work with users looking for assistance.
- Wrote JavaScript methods to interactively configure UI for forms and automate workflow by event triggers.

Backend Developer - [LA Hacks](#) March 2020

- Created a hotline and interactive chatbot for screening COVID-19 symptoms accessible by both text and cell.
- Built Flask backend to support both voice and text input and implemented algorithms to diagnose recommendations.