

# Telvin Zhong

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## EDUCATION

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**Northeastern University** | M.S. Computer Science (GPA: 4.0) Expected December 2021

- 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

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

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

**Databases:** Postgres, MongoDB, MySQL, Redis, DynamoDB

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

## WORK EXPERIENCE

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**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 for the Content Ingestion team to migrate \$10M worth of external course content.
- Automated the unpacking and parsing of zipped course content from Amazon S3 to Coursera clients and models.
- Improved security, reliability, and functionality of Course Authoring APIs in Scala and created extensive unit tests.

**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 built Postgres databases for long term maintainability and performance with AWS Elastic Beanstalk.
- Implemented authentication with Passport.js and optimized API routes in Node.js and Express using 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

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**Fullstack Developer - PocketDog** February 2021

- Designed and deployed a full-stack website for celebrating dogs using React, Redux, Spring Boot, MySQL, and Java.
- Implemented an interactive user interface, session handling capabilities, RESTful web services, and user authentication.

**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.