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, Spring Boot, jQuery, React, Redux, HTML/CSS, Angular, Express, 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 uncompress, parse, and organize zipped course content to Amazon S3.
- 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 session handling capabilities and RESTful web services for server-side data storage using MySQL.

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 for screening COVID-19 symptoms accessible by both text and cell, including a chatbot that detects key words and links users to appropriate resources.
- Built Flask backend to support both voice and text input and implemented algorithms to diagnose recommendations.