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, Cloud Computing, Web Development, Building Scalable Distributed Systems, Database Management Systems, Computer Networks, Algorithms

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, Java, Go, JavaScript, Ruby, Scala, C
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

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 TypeScript.

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 - PocketDog   February 2021
- Designed and deployed a full-stack website about dogs using React, Spring Boot, MongoDB, Node.js, and JavaScript.
- Implemented an interactive user interface, persistent data storage, 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.