

Telvin Zhong

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EDUCATION

Northeastern University | M.S. Computer Science

Expected April 2022

- GPA: 4.0
- President of Microsoft Student Partners Club, Executive Board of Developer Student Club

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

Python, Java, JavaScript, Scala, C, React, HTML/CSS, Postgres, MongoDB, Redis, Node.js, Express, Typescript, Linux, AWS

WORK EXPERIENCE

Software Engineer Intern - Coursera

January 2021 – April 2021

- Developed content ingestion APIs in Java to parse tar.gz files into discrete Coursera course components.
- Created and automated scalable Java services to uncompress zipped content to Amazon S3 and return path keys.
- Designed and integrated Scala tests for RESTful course creation web services 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 instantiated Postgres databases for digital portfolios using AWS Elastic Beanstalk, Node.js, and Express.
- Implemented authentication with passport.js and improved backend APIs with TypeORM.

Software Engineer Intern - 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 and implemented NoSQL database schemas with Firebase and added multiple functionalities to home page.

TECHNICAL PROJECTS

Backend Developer - ZoomFit

August 2020

- Third place at the Open Water Accelerator Fall Hackathon with ZoomFit.
- Deployed a full-stack social media platform that allows authenticated users to create and join Zoom workout sessions.
- Built backend APIs with JavaScript for AWS Lambda to authenticate and fetch user data from DynamoDB.

Full Stack Developer - Help

May 2020

- First place at the Accenture ServiceNow Hackathon.
- Developed web and mobile application connecting users looking for part-time work with users looking for assistance.
- Wrote JavaScript scripts to interactively configure UX for forms and automated databases to match and notify users.
- Volunteered for future hackathons as staff to mentor and technically support over one hundred participants.

Frontend Developer - NASA SpaceApps Challenge

May 2020

- Launched an interactive web application that ranks cities by underlying health issues, health infrastructure, population demographics, and unemployment to compare and visualize their COVID-19 vulnerability.
- Researched and imported NASA data using Django, Flourish, and Mapbox to create interactive map interfaces that allow resizing and toggling different visualizations.

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 wrote algorithms to diagnose recommendations.