# Telvin Zhong

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## EDUCATION

**Northeastern University**  |  M.S. Computer Science                                      Expected April 2022
- GPA: 4.0
- Microsoft Learn Student Ambassador, President of Microsoft Student Partners Club
- Foundations of Computer Science, Discrete and Data Structures, Object-Oriented Design, Advanced Algorithms, Computer Systems, Database Management Systems, Foundations of Software Engineering, Web Development
- Future: Building Scalable Distributed Systems, Advanced Software Development

**UCLA**  |  B.S. Chemistry, Science Education minor                                              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, C, HTML, CSS, Postgres, MongoDB, Node.js, Express, REST API, Git, Linux, AWS, Scrum, Agile

## WORK EXPERIENCE

**Software Engineer Intern  -  Coursera**                                    Starting January 2021 – April 2021

**Software Engineer Intern  -  Open Water Accelerator**                              September 2020 – Present
- Lead the digital portfolio team for Project ANT, a freelancing platform for building and showcasing user portfolios.
- Designed and actively maintained Postgres databases for digital portfolio using Elastic Beanstalk, Node.js, and Express.
- Implemented authentication with passport.js and routed backend endpoints to RESTful APIs with TypeORM.

**Software Engineer Intern  -  Develop for Good**                                    September 2020 – Present
- 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 NoSQL database schema and implemented with Firebase Cloud Firestore.

## TECHNICAL PROJECTS

**Backend Developer  -  ZoomFit**                                                              August 2020
- Third place at the Open Water Accelerator Fall Hackathon.
- 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 configure UX for forms and automated databases to analyze, 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 back-end with Flask to support both voice and text input and devised algorithms to diagnose recommendations.