

# Telvin Zhong

US Citizen | Bay Area | (510) 396-9612 | [telvinzhong@gmail.com](mailto:telvinzhong@gmail.com)  
**LinkedIn:** [linkedin.com/in/telvin](https://www.linkedin.com/in/telvin) | **Github:** [github.com/telvinzhong](https://github.com/telvinzhong)

## 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: Cloud Computing, Web Development, Scalable Distributed Systems, Computer Networks, Database Management Systems, Operating Systems, Algorithms, Discrete and Data Structures, Object-Oriented Design

**UCLA** | B.S. Chemistry, Minor in Science Education **June 2019**

- GSE&IS Dean's Scholar, UCLA Regents Scholar Society, Segal AmeriCorps Education Award

## SKILLS

---

**Languages:** Python, Java, Go, JavaScript, Scala, Ruby, C/C++

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

**Databases:** MongoDB, MySQL, PostgreSQL, SQLite, Redis, Firebase, DynamoDB

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

## 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 microservices 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 comprehensive unit tests.

**Software Engineer Intern - Open Water Accelerator** **September 2020 – December 2020**

- Launched the user portfolio MVP for Project ANT, a platform for connecting freelancers and showcasing user portfolios.
- Designed PostgreSQL database architecture for long term maintainability and performance with AWS Elastic Beanstalk.
- Created and tested RESTful APIs with Node.js and Express and implemented user authentication with Passport.js.

**Volunteer Developer - Develop for Good** **September 2020 – December 2020**

- Developed an interactive android application for the CARE Yemen Youth and Women Initiative to collect and transfer data from local authorities to youth and women initiatives and service providers.
- Implemented realtime NoSQL database engines with Firebase and routed APIs for registration, login, and logout.

## TECHNICAL PROJECTS

---

**Konek AI - TOHacks** **May 2021**

- Created a Slack bot AI that parses a chosen Wikipedia article to accurately answer open-ended questions from the user.
- Designed backend logic with Python and implemented RESTful APIs to communicate with Open AI and Wikipedia.

**WhiteBoard - Web Development Project** **February 2021**

- Designed and deployed a full-stack learning management website using MongoDB, Express, React, Node.js, and Spring.
- Implemented interactive interfaces, persistent cloud data storage, RESTful web services, user sessions, and authentication.

**ZoomFit (Second Place) - Open Water Accelerator Fall Hackathon** **August 2020**

- 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 implemented persistent cloud data storage and RESTful web services.

**Help (First Place) - Accenture ServiceNow Hackathon** **May 2020**

- 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.

**QuaranTwilio - 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.