

# Telvin Zhong

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**LinkedIn:** [linkedin.com/in/telvin](https://www.linkedin.com/in/telvin) | **Github:** [github.com/telvinzhong](https://github.com/telvinzhong)

## EDUCATION

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**Northeastern University** | M.S. Computer Science (GPA: 4.0)

**Expected April 2022**

- Specializations: Software Engineering, Data Science
- Relevant Coursework: Cloud Computing, Web Development, Building Scalable Distributed Systems, Operating Systems, Database Management Systems, Mobile Development, Fundamentals of Computer Networking, 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

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**Languages:** Python, Java, JavaScript, TypeScript, Go, Scala, C

**Web Technologies:** Node.js, React, jQuery, HTML/CSS, Spring Boot

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

**Tools, Platforms, and Cloud:** Docker, Kubernetes, Linux, AWS Certified Solutions Architect - Associate

## WORK EXPERIENCE

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**Software Engineer Intern**

**June 2021 – August 2021**

**Braze** | New York, NY

- Designed interactive data visualization tools and their SDKs/APIs for the Dashboard Infrastructure team platform.
- Established the architecture for a new line chart library and created its composable React components using TypeScript.
- Expanded the functionality and compatibility of customer-facing dashboard APIs with Python and Ruby on Rails.

**Software Engineer Intern**

**January 2021 – April 2021**

**Coursera** | Mountain View, CA

- Developed scalable Java microservices for the Content Ingestion team to migrate \$10M worth of external course content.
- Automated the unpacking, parsing, and deployment of zipped content from AWS 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**

**September 2020 – December 2020**

**Open Water Accelerator** | Menlo Park, CA

- 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 TypeScript and implemented user authentication with Passport.js.

**Volunteer Developer**

**September 2020 – December 2020**

**Develop for Good** | Remote

- Developed an interactive data transfer android application for the CARE Yemen Youth and Women Initiative.
- Implemented Firebase realtime NoSQL databases and created APIs using Java for user registration, login, and logout.

## TECHNICAL PROJECTS

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**Git It Done (First Place, 200+ Participants)** | Braze Hack Day

**August 2021**

- Developed a GitHub widget using TypeScript for accepting or deferring PR review requests and integrated it with Slack.

**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.

**Pocket Dog** | Web Development Project

**November 2020**

- Deployed a full-stack social media webpage about dogs using React, MongoDB, Node.js, Express, and Spring Boot.
- Implemented interactive interfaces, persistent cloud data storage, RESTful web services, user sessions, and authentication.

**Help (First Place, 8 Teams)** | 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 configure UI in response to user input and automated workflow by event triggers.