**Telvin Zhong**

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**LinkedIn**: linkedin.com/in/telvin | **Github**: 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, InterActions Journalist

**SKILLS**

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

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

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

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

**WORK EXPERIENCE**

**Software Engineer Intern - Braze** **June 2021 – August 2021**

* 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 - 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, 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 - 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.