

Jimmy Zheng

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SUMMARY

Full Stack Developer experienced in making iOS and web applications with strengths in meeting deadlines, creativity, organization and problem solving. Graduated from Washington State University with a degree in Computer Science and am currently pursuing a Certificate in Full Stack Development from the University of Washington. Known for being an adaptive problem solver excited on developing apps. Passionate about writing clean code and creating an impactful user experience.

TECHNICAL SKILLS

Languages: Python, HTML5, CSS3, JavaScript, C, C++, Java, Swift, Handlebars, SQL, NoSQL

Applications: GitHub, MongoDB, PostgreSQL, MySQL, Xcode, AWS, Heroku, Insomnia, Postman

Tools: React, Node, Express, jQuery, Bootstrap, REST, Sequelize, Font Awesome, npm, Agile, Scrum

EXPERIENCE

Computer Science Tutor

January 2021 - Present

Freelance

Remote

- Guided students through computer science topics and programming languages.
- Encourage students for their feedback to understand why they're struggling.
- Mentored multiple college students, one-on-one remotely.

Undergraduate Student Researcher

September 2018 - May 2019

Washington State University

Pullman, WA

- Reviewed research articles and discussed them with graduate students.
- Presented a weekly progress report to the research group.
- Responsible for translating MatLab into Python and understanding research material.

EDUCATION

Certificate, Full Stack Web Development

July 2021 - January 2022

University of Washington

Seattle, WA

Bachelor of Science, Computer Science

August 2017 - December 2020

Washington State University

Pullman, WA

Honors: Magna Cum Laude

Courses: Web Development, Mobile Application Development, Software Engineering, Software Design Project, Programming Language Design, Artificial Intelligence, Design & Analysis Algorithms, Advanced Data Structure, Database Systems, Graph Theory, Big Data

Awards:

Senior Design Competition

- Awarded 3rd place in the Fall 2020 Computer Science Senior Design Competition.

President's Honor Roll

- Spring 2018, Fall 2018, Spring 2019, Summer 2019, Fall 2019, and Fall 2020

STARS Scholarship

- 2017 - 2018 Academic Year, 2018 - 2019 Academic Year

EECS General Scholarship

- 2018 - 2019 Academic Year

PROJECTS

Microsoft's DCCD Charitable Givings App Prototype

<https://bit.ly/dccd-repo>

Full Stack Developer

- JavaScript, HTML, CSS, PostgreSQL, GitHub, Node, React, Express
- Streamlined the DCCD's workflow by keeping track of ongoing applications and access of budget for each region. Placed 3rd for Computer Science Senior Design Competition.

The Tech Blog

<https://bit.ly/the-tech-blog> | <https://bit.ly/tech-blog-repo>

Full Stack Developer

- JavaScript, Bootstrap, GitHub, Handlebars, MySQL, Sequelize, Express, Heroku, JawsDB
- Developed a CMS-style blog website, where developers can publish posts and comment on other developer's posts as well as delete and modify their posts and comments.

WeatherBook

<https://bit.ly/weatherbook-repo>

Lead Developer

- JavaScript, HTML, CSS, MongoDB, AWS, GitHub, React, Express, OpenWeather API
- Implemented an app with a modern UI that can view conditions at specific locations as well as saving them to a journal for future reference.

Music Trivia 2.0

<https://bit.ly/music-trivia-2> | <https://bit.ly/music-trivia-2-repo>

Full Stack Developer

- JavaScript, Handlebars, CSS, GitHub, Sequelize, Bootstrap, MySQL, MVC, Express, Node
- Created a quiz app that tests the user's song knowledge where they have to match the lyrics to the correct song and their scores will be posted on the leaderboard to compete with others.

E-Commerce Back End

<https://bit.ly/e-commerce-repo>

Back-End Developer

- JavaScript, GitHub, Sequelize, MySQL, Insomnia, Express
- Constructed an E-Commerce back end that tracks categories, tags and products.