MEGAN ASTRAUS

SOFTWARE ENGINEER

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🌐 My Website

📱 602-832-9679

🏠 Phoenix, Arizona

in linkedin.com/in/megan-astraus

github.com/mastraus

SKILLS

LANGUAGES
Javascript ES6
HTML5
CSS3
C

FRAMEWORKS
Express
Bootstrap
React

ADDITIONAL TOOLS
Git
GitHub
SQL
Mocha
RESTful APIs
Node.js
Knex.js
Heroku
PostgreSQL

EDUCATION

CERTIFICATE OF COMPLETION
Remote Software Engineering
Thinkful
2022

MASTER OF SCIENCE (24/30 CUs)
Curriculum & Instruction
Western Governor's University

BACHELOR OF ARTS
Elementary Education
Arizona State University
2015

SUMMARY

I am a software developer with proficiency in Javascript, SQL, HTML, and CSS programming languages. I also demonstrate competency in the use of frameworks such as Express, React, and Node.js in the creation of my projects. I have seven years of experience as a public school educator which has allowed me to develop excellent problem solving skills and become a master at communication and collaboration.

SOFTWARE ENGINEER EXPERIENCE

FLASHCARD APPLICATION   2021
Github Repository
- Built a website application for users to create review content through decks and cards to study
- Built using React and Javascript
- Persevered through code problems, such as deleting decks, through independent research, group collaboration, and heightening code understanding

POMODORO TIMER   2021
Github Repository
- Developed a classic time management timer to develop strong work efficiency
- Built using React, Javascript, and CSS
- Collaborated with a team on best practices and techniques to build a product assembled functionality and ease of use by problem solving various pitfalls

DECODER RING   2021
Github Repository
- Produced an interactive online application that allowed users to encrypt and decrypt secret messages
- Built using Javascript, HTML, and Mocha/Chai testing
- Implemented a work breakdown structure modeled after classroom scaffolding to solve individual challenges that lead to the formation of the completed application, test-driven development model with Mocha/Chai unit testing

PROFESSIONAL EXPERIENCE

JUNIOR HIGH SCHOOL TEACHER   2014-2021
Creighton School District, Paradise Valley Unified School District, Nadaburg Elementary School District
Phoenix, Arizona

- Awarded Teacher of the Year in 2017 as a result of successfully creating and implementing an innovative solution to a life science unit with a history of poor student engagement and achievement
- Served as the Junior High Team Lead from 2017-2019
- Advocated for and piloted a technology-based classroom program that raised the proficiency of struggling math students by 18% in 6 weeks during the 2020/2021 school year
- Provided training to families who were non-native English speakers (ESL) on using technologies such as Zoom and Google Classroom at home during the Covid pandemic and subsequent remote learning, and managed to adequately communicate despite language barriers