MEGAN ASTRAUS

SOFTWARE ENGINEER

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Phoenix, Arizona

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github.com/mastraus

SKILLS

LANGUAGES

Javascript ES6
HTML5
CSS3
C

FRAMEWORKS

Express
Bootstrap
React

ADDITIONAL TOOLS

Git
Mocha
RESTful APIs
Node.js
Heroku
PostgreSQL

EDUCATION

CERTIFICATE OF COMPLETION

Remote Software Engineering
Thinkful
2022

MASTER OF SCIENCE (24/30 CUs)

Curriculum & Instruction
Western Governor's University
2020

BACHELOR OF ARTS

Elementary Education
Arizona State University
2015

SUMMARY

I am a software developer with proficiency in Javascript, React, HTML, and CSS programming languages. I also demonstrate competency in the use of frameworks such as Bootstrap, 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 scaffolding experience to aid in breaking down complex problems into workable components.

PROJECTS

POMODORO TIMER

github.com/mastraus/pomodoroTimer

- 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
- Employed completed project to be used by family and friends to aid in their productivity

DECODER RING

github.com/mastraus/decoderRing

- Produced an interactive online application that allowed users to encrypt and decrypt secret messages
- Built using Javascript, HTML, and CSS
- Implemented a work breakdown structure modeled after classroom scaffolding to solve individual challenges that lead to the formation of the completed application

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
- 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