MARTHA FIELDS-CYPRESS

FULL STACK WEB DEVELOPER

SKILLS:

-**Front End:** JavaScript, React, Angular, jQuery, HTML5, CSS3, ES6, Sass, Bootstrap
-**Back End**: Node.js, Express and PostgreSQL, TDD with Mocha and Chai
-**Dev Tools**: Git, GitHub

CONTACT INFORMATION:

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Portfolio: https://thinkful-ei-emu.github.io/MP-Portfolio/

GitHub: @maplantz89
LinkedIn:
https://www.linkedin.com/in/martha-plantz/

EDUCATIONAL HISTORY:

Thinkful Engineering Immersion Program
-Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.js, React, and algorithms & data structures.
-Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

CALIFORNIA STATE UNIVERSITY, SAN MARCOS
-Master of Arts in Education (2019)
-Bachelor of Mathematics (2015)

PERSONAL PROFILE:

Full-stack developer skilled in writing, clean, testable code with a background in Mathematics Education. Proficient in mobile-first responsive design and test-driven development.

WORK EXPERIENCE:

RECENT PROJECTS

Thinkful | 2019

Sprout:
-Sprout is a full-stack application to be used as a formative assessment tool in school classrooms to help teachers deliver specific, goal-oriented, and timely feedback in the classroom.
-Front-end Q&A lead, major contributions include student dashboard, student evaluation page, testing of the server.
-Built with React, Node, postgreSQL, Express, Mocha, Chai, CSS, and Socket.io

Spaced Repetition:
-Spaced Repetition is a full-stack application that allows users to practice and learn a new language. Currently set to teach 10 different words in Italian.
-Set up server endpoints, contributed to styling of application, contributed to algorithm and services in the server.
-Built with React, Node, postgreSQL, Express, Mocha, Chai, and CSS.

myCookbook:
-A full-stack online Cookbook app where users can search, create recipes and organize them into multiple cookbooks.
-Individual full stack project, from idea to development in two weeks.
-Built with React, CSS, Node.js, postgreSQL, Knex, Express, Mocha, Chai.

MATHEMATICS TEACHER
Escondido Union High School District | 2016-2019

-Managed about 150 students each year to become more confident problem solvers as well as leading a team of fellow teachers to practice ongoing learning and pushing our teaching practices forward
-Inspired students as Robotics Team Co-Advisor as measured by our contributions in First Robotics Competition (FRC) earning 'Highest Ranked Rookie Team' in San Diego.
-As Academic Intervention TOSA developed structures that increased the percent of ninth graders passing math by 15%.