

MARTHA FIELDS-CYPRESS

FRONTEND DEVELOPER

SKILLS:

Front End:

JavaScript, React, Angular, jQuery, HTML5, CSS3, ES6, Sass, Bootstrap

Back End:

Node.js, Express and PostgreSQL

Design Tools:

Adobe XD, Sketch, Figma

All Around:

Collaboration, Critical Thinking, Reflective and Empathetic

CONTACT INFORMATION:

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Portfolio: https://maplantz89.github.io/MAFC_portfolio/about

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GitHub: @maplantz89

EDUCATIONAL HISTORY:

Thinkful Engineering Immersion Program

- Five month bootcamp focused on full stack development covering HTML5, CSS3, JavaScript, jQuery, Node.js, React, and algorithms & data structures.
- Created and deployed full stack applications while learning new languages and frameworks via pair programming.

CALIFORNIA STATE UNIVERSITY, SAN MARCOS

- Master of Arts in Education (2019)
Researched methods of empowering teachers to develop their skills to teach students creativity, collaboration, and problem solving.

Developed a workshop for high school mathematics teachers.
- Bachelor of Mathematics (2015)
With the aim to be a high school mathematics teacher, earned Bachelors in Math with single subject preparation.

ABOUT ME:

Career changer excited to enter into a new field while bringing my previous experience in education along with me. As a recent Thinkful bootcamp graduate, I am inspired to dive deeper into frontend development to create efficient user friendly interfaces.

WORK EXPERIENCE:

PASSION PROJECT | 2020

SendIt: (Angular, Bootstrap 4, Sass)

- Mobile application designed to track your climbing progress and display multiple data points.
- I am responsible for entire development currently focused on frontend.

THINKFUL - ENGINEERING IMMERSION STUDENT | 2019

Sprout: (React, Node, PostgreSQL)

- Acting as front-end Q&A lead, Sprout was developed to be used as a formative assessment tool in school classrooms to help teachers deliver specific, goal-oriented, and timely feedback in the classroom.
- My major contributions include student dashboard, student evaluation page, testing of the server, overall conception and flow of application.

Spaced Repetition: (React, Node, PostgreSQL)

- Spaced Repetition allows users to practice and learn a new language. Currently set to teach 10 different words in Italian.
- My main contributions were to set up server endpoints, as well as contribute to styling and setting up algorithm and services in the server.

myCookbook: (HTML, CSS, React, Node, PostgreSQL)

- Online Cookbook application where users can search, create recipes and organize them into multiple cookbooks.
- Responsible for entire application from idea to development, with timeline of two weeks.

MATHEMATICS TEACHER | 2016-2019

Escondido Union High School District

- Managed about 150 students each year become more confident problem solvers.
- As Professional Learning Community lead organized and facilitated meetings for a team of about 5-10 fellow teachers in order to practice ongoing learning. Continuously collected and analyzed data in order to improve and reach our goal.
- Inspired students as Robotics Team Co-Advisor measured by our contributions in First Robotics Competition (FRC) earning 'Highest Ranked Rookie Team' in San Diego our first year.
- As Academic Intervention TOSA developed structures in ninth grade math classes that increased the percent of ninth graders passing math by 15%.