

MARTHA PLANTZ

FULL STACK WEB DEVELOPER

SKILLS:

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

CONTACT INFORMATION:

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GitHub: @maplantz89
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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%.