

EMILY RODRIGUEZ

SOFTWARE DEVELOPER

SUMMARY

Software developer transitioning from a diverse background in media communications and public relations. Passionate developer of real world applications that create solutions with the user in mind.

CONTACT

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SKILLS

HTML/CSS	██████████
JavaScript	██████████
PHP	██████████
jQuery	██████████
Git	██████████
MySQL	██████████
Laravel	██████████
Bootstrap	██████████
Java	██████████
React	██████████

PERSONAL SKILLS

Productivity	██████████
Leadership	██████████
Creativity	██████████
Teamwork	██████████
Project Management	██████████

EDUCATION

Codeup <i>Certificate of Completion</i> Completed 535+ hours of a 16-week intensive program with hands-on training in modern software technologies, Linux command-line coding, MySQL, PHP, Laravel, HTML5, CSS3, JavaScript, jQuery and Twitter Bootstrap. Learned programming concepts including relational databases, Object Oriented Programming, JSON, Model-View-Controller pattern and the Software Development Life Cycle.	2016
Texas A&M University - San Antonio <i>Bachelor of Arts in Communications</i>	2015

WORK EXPERIENCE

Frontend Developer (Contract) <i>Shimberg Center for Housing Studies - University of Florida</i> <ul style="list-style-type: none">• Worked remotely on a 3+ month contract to redesign and complete the Opportunity Housing Locator, a web application for those who receive Section 8 housing assistance to gather information for a study.• Developed website wireframes for client to ensure quality and client satisfaction before project development phase.• Designed user interface, tools and web pages with HTML, CSS, jQuery and JavaScript to meet employer guidelines and best practices.• Documented existing JavaScript for ease of understanding and future reference for maintenance.• Refactored and contributed new JavaScript code to work with a NodeJS backend and a PostgreSQL database.• Implemented Twitter Bootstrap to achieve mobile responsiveness to ensure those without computer access could use the application.• Regularly attended planning meetings with senior developers and other stakeholders to ensure a balance between gathering required information for the study being conducted while maintaining user friendliness.• Tested frontend code in multiple browsers to ensure cross-browser compatibility.	2016
San Antonio Express-News <i>Editorial Assistant</i>	2014 - 2015

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PROJECTS

CollegeGo.co

HTML5 | Bootstrap | CSS3 | JavaScript | jQuery | PHP | MySQL | Laravel

- Worked with a partner to design a full-stack application for a company that assists Chinese students apply to American colleges by creating a portal where students and counselors can come together in one place to ease the application process
- Managed the creation and upkeep of a MySQL database with 10 tables to store user information such as essays, personal information, extracurricular activities and relationships between 5 types of users
- Used a combination of Laravel controllers, PHP and MySQL for CRUD operations to manipulate database information
- Wrote MySQL queries to search schools by city, state and university name based on user input
- Overcame China's internet restrictions on Google and other APIs by creating a calendar and user generated tasks list from scratch using Laravel packages
- Created streamlined user interface using custom CSS and Bootstrap for a simple and clean user experience
- Used Model-View-Controller pattern to separate methods and presentation of data for easier front and back end development

Sawit

HTML5 | Bootstrap | CSS3 | PHP | MySQL | Laravel

- Created a message board site similar to Reddit to learn the workings of the Laravel framework and its differences from vanilla PHP
- Used Laravel's authentication controllers to allow users to create an account, login, logout and post dependent on their status
- Created and managed a MySQL database with 3 tables that contain user information, post content and associated up-votes and down-votes
- Wrote MySQL queries to allow user to search for posts based on username
- Used a combination of Laravel controllers and models, PHP and MySQL for CRUD operations to manipulate database information

Ad Lister

HTML5 | Bootstrap | CSS3 | PHP | MySQL

- Led a group of three to take broken and incomplete code and turn it to a functioning Craigslist-like application
- Delegated and managed tasks using Trello to ensure major site functionalities were completed by deadline
- Spearheaded database design, creation and management to hold user information and item inventory in two related tables joined together by username
- Used Model-View-Controller pattern to separate methods and presentation of data for easier front and back end development
- Used PHP to set up user authentication functions such as creating a new account, logging in and logging out, which controlled what pages could be viewed
- Also used PHP to control functions such as image uploads and inventory display
- Wrote MySQL queries to allow users to search for items by name or by seller