

MATTHEW WILLIAMS

FULL-STACK WEB DEVELOPER

CONTACT

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PROJECTS

RegEx.rocks - Learn RegEx the Fun Way!

Learning RegEx is tough, and good resources for beginners are virtually nonexistent. In my capstone project I tackle this problem by creating a gamified learning model. In my "16-bit" Mario-style RegEx game, users progress through levels and learn new RegEx patterns and skills. Checkout www.regex.rocks.

- The project is built using AngularJS, MaterializeCSS, jQuery, and Firebase.
- Built with a responsive layout, several game modes and an extensive library of RegEx puzzles which increment in difficulty.
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Glorious Options

This Ruby on Rails and PostgreSQL app connects users with vendors of gluten free and vegan foods. Checkout my GitHub: <http://bit.ly/1OiK3Qw>

- In this group project I was instrumental in implementing the Google Maps API, and in the design of the model schema.
- The app offers full CRUD among three resources (foods, locations and users) across five relations of one-to-many and many-to-many.
- Using live scraping, the app populates data from a variety of food sources, allowing users to see brand options nearest to them.

SKILLS

FRONT-END:: Javascript, Angular, jQuery, HTML, CSS, AngularFire, Capybara

BACK-END:: Ruby on Rails, PostgreSQL, Rspec, Node.js, MongoDB, Mongoose, Express, Jasmine, Firebase

EDUCATION

UC Berkeley

Bachelor of Arts (B.A.) Psychology 2013

Activities and Societies:

Phi Theta Kappa Honor Society In Psychology, Research Assistant in the Culture and Cognition Lab

GalvanizeU

Web Developer Intensive Program 2015

Six Month, 70 hours per week immersive program focused on Javascript, Node.js, Express, Ruby, Rails, Angular, and front-end development.

AWARDS

UC Berkeley ·

Awarded Magna Cum Laude (High Honors) in Psychology (3.84/4.0 GPA)

UC Berkeley · Phi Theta Kappa Honor Society In Psychology

ACTIVITIES

Pivotal Labs · Weeklong Externship

Sep 2015 to Sep 2015

- Pair programmed full time for 1 week with a Team Lead Engineer at Pivotal Labs in San Francisco.
- Submitted 6 pull requests across 2 open source projects.
- Co-designed complete testing suites and rewrote broken functionality on a Node module.
- Tracked progress using Pivotal Tracker using outside-in design.
- Fixed a bug in one of Pivotal's internal company tools.

EMPLOYMENT

QueueDr

Vice President of Sales · 2014 to 2014

- Organized QA to our SaaS platform product
- Tracked and adjusting marketing channels using analytics tools
- Coordinated marketing, sales and engineering teams
- Designed and managed marketing collateral in Google Adwords, Facebook, LinkedIn, and Twitter

Barnes & Conti Associates

Project Manager · 2013 to 2014

- Constructed an updated company website
- Designed and critiqued online web based coursework
- Developed gamification deliverables for training coursework distributed to a Fortune 500 corporation
- Coordinated between engineering, sales and design teams on application and web-based projects
- Assisted on-site training with the San Francisco Department of Public Health

UC Berkeley

Student Instructor · 2013 to 2013

- Developed the content, syllabus, objectives, and learning goals of a student-run course focusing on personal productivity.
- Taught students how to engage in time optimization and effective prioritization of activities
- Lead presentations of time management strategies and weekly classroom discussions

UC Berkeley

Undergraduate Student in Psychology · 2011 to 2013

- Graduated with High Honors (Magna Cum Laude)
- Phi Theta Kappa Honor Society In Psychology
- Research Assistant to PhD Candidate J. Stellar in the Culture and Cognition Lab

Stanford University

Teaching Assistant · 2011 to 2012

- Teaching assistant to Dr. Delizonna
- Assisted with textbook editing, research and conference presentations
- Produced a course video which Dr. Delizonna uses to this day
- Graded student work and engaged in other teaching activities

MW Financial, LLC

Founder/CEO · 2004 to 2009

- Calculated finance scenarios based on interest rates, investment accounts, and tax deductions for hundreds of clients.
- Supervised and directed employees (2-3 on an ongoing basis)
- Priced loans across investor finance pools
- Presented seminars on finance and investment
- Developed and implemented marketing strategy including print and radio