

Zannain Shafi

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github.com/zannain

510-366-0195

Aspiring Web and Software Engineer who recently completed the web intensive program at Wyncode Academy. Proficient in Ruby, Ruby on Rails, Javascript, Java, HTML and CSS. Experience with version control in Git and Github, and leading QA actions. Extensive knowledge and experience with Agile Development, Lean Software Development, and SDLC.

Core Technologies

- Languages: **Ruby**, **Javascript**, Java
- Back End Frameworks: **Ruby on Rails**, Sinatra
- Testing Frameworks: Minitest, **Rspec**, Capybara
- Front End Frameworks/Libraries: jQuery, **Bootstrap**, SASS
- Concepts/Tools: **MVC**, **OOP**, TDD, ORM, **Git**, **Github**, Semantic Versioning
- **RESTful API's & AJAX**
- **Responsive Web Design: HTML5 and CSS3**
- Databases: **PostgreSQL**
- Authentication: OAuth, **BCrypt**, Devise
- **Command Line & Secure Shell (SSH)**
- Agile Project Management

Education

Web Development Boot Camp

Wyncode Academy, Miami, FL

2017

- Classes included: SDLC and Agile Methodologies, Computer Science Principles, Object Oriented Programming, Computer Hardware And Performance, Lean Software Development, Application Debugging, Project And Product Management, and Cloud Computing And System Administrators

Bachelor of Science

University of California, Davis

Software Development Projects

- **cryptme.co**— App that allows registered users to create custom text alerts for a cryptocurrency. Text-alerts set up via Twilio. Rake tasks automated with Heroku Scheduler. Built with Ruby on Rails on the backend using PostgreSQL. AJAX is implemented to improve UX and optimize app performance. Cryptocurrency values are pulled from CoinMarketBase API following following REST. Actively being developed using TDD methodologies. Source code available on Github.
- **solo-rails.herokuapp** - Developed Twitter clone utilizing TDD principles using the Minitest, Amazon Simple Storage Service, and encrypted SSL authentication, user authentication with BCrypt coupled with ActionMailer, and front-end framework is Bootstrap and back-end framework is Ruby on Rails with PostgreSQL. Source code available on Github.
- **Yelp Recommendation Vacation Planner App** – Incorporated Devise and Yelps Fusion API, designed intuitive UI with Bootstrap, and built back-end that enabled user to save multiple Yelp bookmarks while following REST protocol. Source code available on Github.

Additional Professional and Leadership Experience

Co-President, Director of Exercise

Recognizing Illness Very Early and Responding (RIVER)

2014 – 2016

- Led preventative health advocacy group focused on providing exercise and nutrition health services to underserved communities of Sacramento and Davis; oversee actions of 14 member leadership committee and over 50 additional Nutrition and Exercise undergraduates working on public health projects for elementary students, senior citizens, and recovering addicts.
- Spearheaded creation of 2 internships, leading interviews, application processing, and logistics; launched Davis CommuniCare Health Center Internship allowing students to teach 8 week courses on exercise and nutrition, and Health Coach Project where undergraduates worked with patients to help them reach nutrition and exercise goals.
- Managed 4-week exercise and nutrition education program for 300 underserved elementary students and community members; partnering with district and community leaders to develop lesson plans and coordinating logistics.

Undergraduate Researcher

Dr. Lars Berglund Lab, UC Davis

2015 – 2016

Coordinator of Logistics

UC Davis Pre-Health Professions National Conference

2014 – 2015

Sports Nutrition Internship

Dr. Elizabeth Applegate, UC Davis

2014