

Richard Tesmond

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Full-stack developer who is passionate about providing quality-tested code, web apps, and programs. I prioritize developing well-tested web applications and systematically solving problems and analyzing data due to my background in research. As a person with business development experience and an ex-college athlete, I thrive when collaborating with and leading teams in fast-paced environments.

Technical Skills

- **Languages:** Python, JavaScript, SQL, HTML/CSS
- **Frameworks:** Django, Pyramid
- **Tools:** Python Cross-generation Compatibility, Tox, Unittest, Pytest, JQuery, AWS (EC2 and RDS), Ansible, Postgresql, SQLAlchemy, Bootstrap, Github, and Heroku
- **Methodologies:** Test-Driven Development, Test Automation Development, Agile, and Behavior-Driven Development

Projects

Ride Share | May 2016 | github.com/RideQuest/rideshare-backend

- Allows users to find, create, and contact ride shares within a set distance from themselves.
- Led the back-end team; personally developed all of the authorization/authentication; implemented the geospatial database; and established Restful endpoints for users, profiles, routes, and search query results. Implemented automated deployment using Ansible, EC2 and RDS.
- Gained experience working with a front-end JavaScript team to facilitate cross platform connections

Camera Obscura | April 2016 | cameraobscura.rtesmond.com/

- Social network site that creates and stores images and photo albums on the Cloud with fully customizable content.
- Enhanced full-stack planning and execution skills required to build a full stack Python application while working solo.
- Learned how to properly architect a Restful API, write wide-coverage tests, and automate deployment over AWS.

Stock Talk | March 2016 | stock-talk.herokuapp.com/

- Django-Python app that live-streams tweets and Yahoo data on any stock, and features the top movers of the day.
- Gained extensive experience data mining using Scrapy and BeautifulSoup, accessing API endpoints, and presenting the data in a user-friendly form.

Trail Mix | December 2015 | trailmixx.herokuapp.com/

- Chrome web app that provides users with a randomized hiking trail that is filtered by location, distance, and elevation.
- Developed skills required for building a responsive JavaScript single-page web application.

Education

Code Fellows, Seattle, WA. Certified Full Stack Python Developer, 2015-2016.

- Course work completed: Advanced Software Development in Python, Intermediate Software Development, Foundations of Software Development, and Intro to Software Development.

Whitman College, Walla Walla, WA. B.A. Psychology, May 2015, 3.47 GPA.

- Honors thesis, "The Effect of Abstract and Concrete Thinking on Situational Stress".

Work Experience

The Brand Experience, Cincinnati, OH. *Marketing and New Business Intern, June- Aug. 2013.*

- Provided background information on client companies, assisted in interviews with clients' upper-level management, and programmed QR codes and content for an exhibition.
- Analyzed travel expenditures by project and employee using Excel and SQL, and identified the best options for, and contracted with new travel agency.
- New Business Development: Researched and evaluated Corporate Experience Center (CEC) potential at Fortune 500 companies. Wrote research reports and reviewed with Brand Experience CEO.

Whitman College Conference and Events, Walla Walla, WA. *Conference and Events Operation, May 2014-May 2015.*

- Planned and executed a diverse range of events and conferences from month long dance camps to board meetings.
- Leveraged strong leadership skills by leading a team of five co-workers and delegating responsibilities during events.
- Utilized customer service skills including anticipating client needs, attention to detail, and approachability.