

## Richard Tesmond

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Software developer specializing in Python who is passionate about providing quality-tested code and programs. As a graduate in research psychology, I prioritize developing well-tested web applications and systematically solving problems and analyzing data; and as 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, Zurb Foundation, 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](https://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/](http://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/](http://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/](http://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

**Whitman College Conference and Events**, Walla Walla, WA. *Conference and Event Operation Crew 2014/15 school year.*

- Planned and executed a diverse range of events and conferences such as month long dance camps, board meetings, youth sport camps, band camp, etc.
- 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.

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

- Project Support: Helped the creative team by providing background information on client companies, assisting in interviews with client's high level management, and programming QR codes and content for an exhibition.
- Operations: Supported COO on several projects including analyzing travel expenditures by project and employee using Excel and SQL, and researching, identifying best options for, and contracting 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.