

Jack Pincus | Software Developer

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github.com/jwpincus

Software engineer with a passion for building intuitive, useful products, with a focus on solving real-world business problems. Strong practical experience in MVC frameworks in a fast-paced, consumer-focused environment to build applications greater than the sum of their parts.

SKILLS

- **Languages:** Ruby, SQL, HTML, CSS (Sass), Javascript
- **Frameworks/Libraries:** Rails, Bootstrap, Sinatra, ActiveRecord, jQuery/AJAX, Node.js/Express
- **Test-Driven Development:** RSpec, Minitest, Capybara, Selenium
- **Tools/Databases:** Git, SQLite, PostgreSQL, MySQL

NOTABLE WORK AND EDUCATION EXPERIENCE

Software Engineer, Bean Box

8/2017 - 8/2018

- Full stack custom e-commerce development (product catalog, conversion optimization, account management)
- Created manufacturing, inventory, logistics and fulfillment tools to support thousands of products shipped/week
- Refactored and optimized legacy code; developed Redis- and file-based caching architecture
- Developed interactive SMS-based product ordering system (bot-based)
- Built postage/printing system to generate and scan bar coded labels during product manufacture

Back-End Engineering, Turing School of Software and Design

1/2017 - 8/2017

- 7 month immersive program in back-end web development
- Over 1500 hours spent in lecture and on project work

Founder, Borealis Sailing Expeditions

5/2014 - 4/2016

- Created expedition-style vacations aboard sailing vessels in Pacific Northwest

Program Director and Marketing Staff, Global Expeditions Group

5/2009 - 4/2014

- Directed GXG's ActionQuest Virgin Islands, Sealmester Caribbean programs
- Led teams of 4-18 staff for 3wk-3mo educational experiences
- Facebook, Google ad campaigns; gained 10x followers across social media

B.Sc. Economics, Magna Cum Laude, Fort Lewis College

8/2006 - 5/2010

DEMONSTRATION PROJECTS

Recognizer (solo project) <https://re-cognizer.herokuapp.com>

User authentication platform for IoT devices using facial recognition.

- Facial recognition login and permission management system for devices
- Full TDD process, designed hardware, deployed to Heroku
- Tech Stack: Rails, PostgreSQL, Bootstrap, Sass, RSpec, Kairos API, JQuery, Python, Physical Computing

eCommerce Business intelligence API (pair project) https://github.com/jwpincus/rales_engine

Users can make calls to an API returning marketplace data about merchants, customers, and purchases

- Used only ActiveRecord and SQL to optimize query times
- Wrote tests for SQL queries, standardized JSON responses to conform to requirements
- Tech Stack: Rails, ActiveRecord, PostgreSQL, RSpec