

Jack Pincus | Software Developer

1.303.887.7673

jwpincus@gmail.com

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
 - Customer account management
 - Warehouse and fulfillment tools development:
 - Physical inventory management system
 - Tools to support 48 hour raw material to shipped product lifecycle
 - Worked with warehouse managers to design custom software to maximize fulfillment throughput
 - Designed algorithm to minimize raw materials cost from 30+ suppliers
 - SMS/phone integration features:
 - SMS shipping notifications for customers
 - SMS ordering system for customers
 - Customer service call routing and voicemail ticket system
 - Postage and printing integration into rails app:
 - Created algorithm to optimize cost and lower shipping time estimates
 - Integrated on-demand postage purchasing into manufacturing/fulfillment process
 - Customized label and gift note printing using ZPL markup
 - Refactored and optimized legacy code; developed Redis- and file-based caching architecture
- 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
 - Managed private yacht charter operations and marketing
- Program Director and Digital Marketing, Global Expeditions Group** 5/2009 - 4/2014
- Built Facebook apps for lead generation and increased engagement using HTML, CSS, JS
 - Directed GXG's ActionQuest Virgin Islands, Sealmaster Caribbean programs
 - 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