OWEN C. DERBY

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ABOUT ME

A self-motivated, versatile software engineer with strong product sensibilities and leadership skills. Collaborative, thorough and quick to learn new tools. Results and impact are more important to me than technology used.

EXPERIENCE

Remix, San Francisco, CA

Staff Engineer   Aug 2018 — Present
- Designed and built a secure environment for ingesting and warehousing sensitive data, leveraging AWS ECS, RDS, Apache Airflow, and Terraform, to support the New Mobility product.
- Provided organizational leadership by instituting processes for proposing architectural changes, prioritizing technical debt, and managing customer support requests.

Technical Lead   Jul 2017 — Aug 2018
- Researched, tested and implemented a methodology for estimating transit system operating costs in Ruby on Rails backend service for the Transit product.
- Worked closely with product and design to create a product roadmap, ship features, and iterate quickly.
- Implemented a performance benchmarking system to instrument critical user flows, track performance over time and alert on regressions.

Flux Factory Inc., San Francisco, CA

Technical Product Manager   May 2015 — Aug 2016
- Led company through a 4 month pivot to a new SAAS data-interchange product for computational designers.
- Established KPIs for the product, a roadmap to achieve them and oversaw its implementation by development teams, resulting in adoption by thousands of users from a niche market in 6 months.
- Analyzed user behavior to prioritize new features and support sales and marketing in targeting customers.

Software Engineer   Jul 2013 — May 2015
- Designed, built and deployed backend services in Go and associated SQL databases for user data, accounts and Stripe payments.
- Created pipelines for collecting, cleaning, and combining GIS and zoning code data, and Angular components for displaying the result in the Metro product.
- Implemented logical subsystems for a 'building configurator' application, while helping re-scope the project mid-contract to deliver a reduced set of features on time.

MIT CSAIL - ALFA Group, Cambridge, MA

Research Assistant   Jun 2012 — May 2013
- Developed FlexGP – a distributed, heterogeneous genetic programming system for machine learning.
- Created a framework for running and analyzing FlexGP on an OpenStack cloud computing implementation.
- Published 2 papers and presented my research at the preeminent conference for genetic and evolutionary computation.

EDUCATION

Massachusetts Institute of Technology
Masters of Engineering - Computer Science, GPA: 5.0   Jun 2013
Bachelors of Science - Computer Science and Engineering, GPA: 4.7   Jun 2012
Relevant Coursework: Machine Learning, Distributed Systems, Computer Systems Security, Performance Engineering of Software Systems, Design and Analysis of Algorithms

SKILLS

Programming Languages: Python, JavaScript, Ruby, Go, HTML/CSS, Java, C

Software & Tools: git, Mixpanel/GA, CircleCI, Jira, gerrit

Deployment & DBs: AWS, Terraform, Docker, Postgres, GCS

INTERESTS

- Board Games
- Ping Pong
- Cooking
- Soccer
- Exploring new cities
- Robotics
- Basketball