

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. Based in Oakland, CA and looking exclusively at climate tech companies.

EXPERIENCE

Remix by Via, Berlin, Germany

Staff Engineer

Mar 2021 — Sep 2022

- o Rearchitected the travel time analysis tool to [leverage OpenStreetMap data](#), producing significantly more accurate and reliable results for customers, while maintaining average response times.
- o Led the launch of the [Remix EU region](#), including capacity planning, customer communications and live data migrations, with zero data loss and no downtime for non EU customers.

Remix, San Francisco, CA

Staff Engineer

Aug 2018 — Mar 2021

- o Designed and built a secure environment for ingesting and warehousing sensitive geospatial data, leveraging AWS ECS, RDS, Apache Airflow, and Terraform, for downstream data products.
- o Provided organizational leadership by instituting processes for proposing architectural changes, prioritizing technical debt, and managing customer support requests.

Technical Lead

Jul 2017 — Aug 2018

- o Researched, tested and implemented a methodology for estimating transit system operating costs in Ruby on Rails backend service for the [Transit product](#).
- o Worked closely with product and design to create a product roadmap, ship features, and iterate quickly.
- o 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

- o Led company through a 4 month pivot to a new SAAS data-interchange product for computational designers.
- o Ran goal-setting and implementation for the product, resulting in adoption by thousands of users from a niche market in 6 months.

Software Engineer

Jul 2013 — May 2015

- o Designed, built and deployed backend services in Go and associated SQL databases for user data, accounts and Stripe payments.
- o Created pipelines for collecting, cleaning, and combining GIS and zoning code data, and Angular components for displaying the result in the Metro product.
- o 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

- o Developed [FlexGP](#) - a distributed, heterogeneous genetic programming system for machine learning.

EDUCATION

Massachusetts Institute of Technology

Masters of Engineering in Computer Science - Machine Learning & Distributed Systems, GPA: 5.0

Jun 2013

Bachelors of Science in Computer Science and Engineering, GPA: 4.7

Jun 2012

SKILLS

Programming Languages: Python, Ruby, TypeScript, JavaScript, Go

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

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

INTERESTS

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