

Sarai Rosenberg

Engineer | Mathematician

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Portfolio: sar.ai



Experience

Repository Recommender (svd.ai)

Hackbright Academy – SF

January 2018 – March 2018

- Project recommends Github repositories to follow, using a machine learning algorithm based on low rank matrix approximation.
- Back-end includes a caching graph traversal algorithm that expands breadth and depth of traversal dynamically each time user logs in.
- Python, React, Flask, JS, PostgreSQL, numpy, pandas, scipy, AWS

Product Owner

Idera Pharmaceuticals – Remote

October 2016 – present

- Shaped UX for multiple access levels and roles.
- Drove iterated product development from prototype to release.
- Designed new features, including requirements, wireframes, prototypes, specifications, and discussing edge cases with stakeholders.
- Wrote system documentation.

Technical Program Manager

Agiloft – Redwood City, CA

January 2016 – October 2016

- Increased team revenue 31% through process improvement.
- Built automated SQL reports to track KPI.
- Managed 30+ B2B and B2D projects from concept through release.
- Managed an on-site and remote team of 12. Advised team members on agile development methodologies (scrum and spiral).
- Improved accuracy of budget quotes by revising our consultation quote process and project plan templates.
- Reduced churn and improved adoption by improving product release process documentation.

Analyst / Implementer / ISO

Agiloft – Redwood City, CA

January 2015 – October 2016

- Launched 6 enterprise SaaS customer projects to AWS.
- Achieved 91% server-side performance improvement after investigating performance metrics for a customer.
- Designed and built customer projects and enhancements to our default templates, including a streamlined contact entry system.
- Managed security documentation, training, and third-party audits.
- ETL of customer data, led requirements gathering, designed data model, and built maintainable algorithms for workflow automation.

Program Coordinator – Community Groups

LGBT Community Center – Sacramento, CA April 2014 – August 2014

- Trained Center volunteers on gender and sexuality topics.
- Created new demographics form to track intersectional identities.

Adjunct Instructor in Mathematics

Los Rios Community Colleges – Sacramento, CA

2008 – 2014

- Assembled a collection of LaTeX worksheets and quizzes.

Education

Haverford College

B.S. Mathematics with Honors

Hackbright Academy

Technical Skills

Python, JS, Java, SQL, some C++

Flask, Jinja, React

Unix, GitHub, Heroku, AWS

Statistics and Risk Management

Machine Learning, Cloud Security

Design Skills

LaTeX, HTML/CSS

Adobe Creative Suite, Camtasia

Writing, editing, and proofreading

Leadership Skills

Agile Software Project Management

Product Management

Business Analysis

Process Improvement

Languages

English

Spanish

French

German

Hungarian