Sarai Rosenberg

Engineer | Mathematician

530-220-0041 hi@sar.ai

Portfolio: sar.ai

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
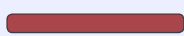
Agile Software Project Management
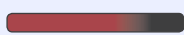Product Management
Business Analysis
Process Improvement

Languages

English
Spanish
French
German
Hungarian

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 models, 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.