

Sam Fahlberg

Email: sam.fahlberg@gmail.com | GitHub: [sfahlberg](https://github.com/sfahlberg) | Lives in San Francisco, CA

Technologies and Languages

Ruby, Rails, JavaScript, React, Redux, Elasticsearch, Docker, PHP, MongoDB, SQL, GraphQL

Experience

	Position	Organization	Achievements
June 2016 to present	Full Stack Engineer	BrightBytes San Francisco, CA	<p>Created from scratch on my own a new frontend application in React/Redux for managing what online tools schools have purchased so administrators can make buy/no-buy decisions, while building out the backend service written in Elixir</p> <p>Built out a new React/Redux app and the Rails models and controllers for a feature allowing district administrators to manage groupings of schools for improved data visualization</p> <p>Wrote unit and feature tests for all new features and for bug fixes</p> <p>Initiated a technical book club that met monthly and organized a monthly lunch-n-learn for increasing knowledge sharing in engineering</p>
April 2015 to June 2016	Software Engineer	Education.com San Mateo, CA	<p>Worked in an agile environment in an education technology startup across frontend, backend, and devops</p> <p>Transitioned site to Elasticsearch from Sphinx</p> <p>Developed reports querying MongoDB and MySQL</p> <p>Implemented AB tests using Optimizely and an internal testing tool</p>
August 2011 to August 2014	Research Analyst	International Monetary Fund Washington, D.C.	<p>Acted as data scientist for African countries, writing code in Stata and MATLAB for economic research and analysis; coded in VBA for a 4x increase in productivity</p> <p>Managed and updated SQL databases for five African countries. Was selected to travel to three African countries as the expert to manage the database software</p>

Personal Projects

Link	Description
github.com/sfahlberg/rebalancer	Crawls Vanguard.com, parses CSVs to determine what the user should buy or sell to rebalance the user's portfolio, developed using TDD

Education

2006 to 2010	High Honors BS Finance	University of Illinois at Urbana-Champaign
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Activities: trumpet in jazz quartet, cyclist, mandolin, backpacker
Fluent in French
Eagle Scout Award