Sam Fahlberg

Email: sam.fahlberg@gmail.com | GitHub: 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	Developed new frontend and backend features
			Wrote unit and feature tests
			Improved the micro-service structure by building new services in rails, react and elixir, and slimming down the rails monolith
			Created CRUD apps for admin users to manage non-admins, their data, and applications they want tracked
			Created a technical book club that met monthly and organized a monthly lunch-n-learn for increasing knowledge sharing in engineering
April 2015 to June 2016	**Software Engineer**	**Education.com** San Mateo, CA	Worked in an agile environment in an education technology startup across frontend, backend, and devops
			Transitioned site to Elasticsearch from Sphinx
			Developed reports querying MongoDB and MySQL
			Implemented AB tests using Optimizely and an internal testing tool
August 2011 to August 2014	**Research Analyst**	**International Monetary Fund** Washington, D.C.	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
			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

Personal Projects

Project	Link	Description
Rebalancer	**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	**BS Finance High Honors**	**University of Illinois**	Selected by faculty for Finance Academy: an enrichment program for the top 10% of finance majors
	GPA 3.83/4.00	Urbana- Champaign	

Activities: trumpet in jazz quartet, cyclist, mandolin, backpacker
Fluent in French
Eagle Scout Award