

Sam Fahlberg

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Technologies and Languages

Ruby, JavaScript, Ruby on Rails, Backbone.js, jQuery, PHP, SQL, HTML, CSS, MATLAB, Stata, VBA, Agile Development, Heroku, Object-Oriented Design, MVC, REST, AJAX, Git, RSpec, TDD

Recent Projects

Project	Links	Description
BuyCycle	Live GitHub	Bicycle marketplace using Backbone.js and Rails. Built messaging capabilities within the app for buyer and seller communication. Keyword search and price filter implemented with instant updates to the Google Maps API
Weather or Not	Live GitHub	Data visualization of historical weather data from NOAA's API using Backbone.js, Chart.js, and Gulp
Snake	Live GitHub	Classic game built in object-oriented JavaScript and jQuery

Experience

	Position	Organization	Achievements
2011 to 2014	Research Analyst	International Monetary Fund Washington, D.C.	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 Awarded Fundwide award for work on new SQL database Wrote programs using Stata and MATLAB, statistical analysis software, to be used in economic research also used VBA to ease repetitive tasks in excel
2010 to 2011	Banking Associate	American Chartered Bank Schaumburg, IL	Analyzed banking data to understand profile of nonperforming loan profile. Facilitated stock option awards to lenders

Education

	Degree	University	Achievements
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 Completed senior thesis on railroad infrastructure in Brazil and spent two months in Brazil mentored by Werner Baer, a world renowned author and economic historian of Brazil
	GPA 3.83/4.00	Urbana-Champaign	

Activities: Volunteer tutor, trumpet, singer, baking (worked briefly at Charlie Trotter's in Chicago)
Fluent in French, conversational in Portuguese
Eagle Scout Award