Steve Johnson

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Case Western Reserve University, Cleveland, Ohio — B.S. & M.S. in Computer Science, 2012

What I want

I want to make something people love and fight the gradual decline of society.

Experience

Game & web developer, Buildy — 2012-present

Developed an HTML5 game about building creatively in an isometric world. Contributed to game and UI design. Worked with server-side Python, JavaScript, Salt Stack, nearly every HTML5 technology, React.js, web page performance, more JavaScript, Pyramid-based admin site, SQLAlchemy, iOS (Obj-C and Swift), evolution of a large codebase over time.

Maintainer, Literally Canvas — 2012-present

Designed, implemented, and documented an HTML5-based drawing tool that can be used as a JavaScript library. Worked as a freelancer to add features when approached.

Spam warrior, Yelp — 2011-2012

Worked on mrjob, the leading Python framework for writing Hadoop jobs, eventually becoming the primary maintainer. Developed MapReduce-based spam filters. Created a new admin web app for the spam team. Briefly maintained the Tron distributed batch scheduler. Fought with Amazon Web Services a lot.

iOS developer, Cooper Legal Group — 2011 & 2015

Wrote an iPad app to browse the US Patent Office and view/manage individual documents. Began working on a new version from scratch in 2015. (Freelance both times.)

Obj-C Runtime intern, Apple — 2010

Implemented a new runtime analysis tool for Xcode Instruments and used it to uncover bugs in software under development. The visual object graph in the Leaks instrument resembles a simplified version of the project, though I doubt it's the same code.

Hobbyist game developer — 2003-Present

Wrote about a dozen games of varying size in BASIC, Python, and JavaScript. See steveasleep.com/games.html for details.

Proficiencies

Python, JavaScript, Objective-C, and Swift. Any given Python web framework, though I favor Pyramid. Amazon Web Services, particularly S3 and Elastic MapReduce. MySQL. Mac OS X, Linux. Writing, and a compulsion to document. Willingness to learn. Playing drums and bass guitar.