

E. Wyatt Anderson

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I'm a motivated, full-stack software engineer and technologist capable of choosing and mastering the right technologies to get the job done. I'm seeking a cutting-edge position where I can challenge myself and continue to be the best engineer that I can possibly be, and I thrive in an environment where my peers are similarly motivated.

TECHNICAL EXPERIENCE

Proficient with and capable of writing idiomatic C++ (using Boost and the C++ Standard Library), JavaScript (specializing in jQuery, Backbone.js, Require.js, and CoffeeScript) and Python. I strongly prefer Linux. Vim enthusiast. I dabble in L^AT_EX and Go. Experienced with various SCM systems (I grok Git) and database engines (PostgreSQL, MongoDB, MySQL and others).

WORK EXPERIENCE

SOFTWARE ENGINEER July 2014 – Present
Oscar Health Insurance – New York, NY *Full Time*

- ◊ Using my diverse skillset—but mostly Python—to build better healthcare.

LEAD SOFTWARE ENGINEER July 2012 – July 2014
Voxy, Inc. – New York, NY *Full Time*

- ◊ Responsible for modernization of the Voxy front-end stack with HTML5, CSS3, CoffeeScript, Backbone.js and Require.js. Wrote a lot of backend Python code to support the aforementioned frontend. Built internal tools that improved developer productivity. Deployed production and staging machines with Chef and Puppet. Lead cross-functional team to bring innovative educational features to market ahead of schedule. Optimized front-end asset delivery, performance and reliability via use of a CDN, continuous performance testing and continuous integration on a Jenkins build server.

SOFTWARE ENGINEER III July 2010 – July 2012
FactSet Research Systems, Platform Engineering Department – Norwalk, CT *Full Time*

- ◊ Developed new features and charting modes for mature, legacy ActiveX charting control in C++. Solely responsible for porting chart control to CoffeeScript and canvas for use in mobile web applications while maintaining compatibility with existing applications and a proprietary XML specification for chart data, allowing fully interactive, high DPI charts in the FactSet iOS app instead of static images.

WEB ADMINISTRATOR March 2008 – May 2010
University of Rochester, Political Science Department – Rochester, NY *Part Time*

- ◊ Updated, maintained, and deployed new design and features for departmental and faculty information pages. Built database of courses with incremental search, keyword tokenizer and a dynamic, standards-compliant, browser-independent interface developed with jQuery.

SYSTEMS ARCHITECT May 2009 – August 2009
Ithos USA – Troy, NY *Internship*

USER INTERFACE DEVELOPER July 2008 – November 2008
Aculus LLC – Salt Lake City, UT *Internship*

WEB APPLICATIONS DEVELOPER June 2008 – September 2008
LunaWebs.com LLC – Salt Lake City, UT *Internship*

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE August 2006 – May 2010
University of Rochester – Rochester, NY

- ◊ Major GPA 3.6/4.0, with a Certificate in Management Studies in Finance and Accounting.

SELECTED COURSEWORK

- ◊ *Computer Science:* Parallel & Distributed Systems, Operating Systems, HCI, Computer Networks, Programming Language Design and Implementation, Computer Organization, Algorithm Analysis, Data Structures, Computer Models & Limitations, and Computation & Formal Systems.
- ◊ *Economics and Accounting:* Money, Credit & Banking, Principles of Accounting, Cost Accounting
- ◊ *Teaching Assistant:* Network Security, The Art of Programming