

E. Wyatt Anderson

wyattanderson.com - wanderson@gmail.com - Stamford, CT - (801) 305-4695

ABOUT ME

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 want to work with other engineers who are similarly motivated.

TECHNICAL EXPERIENCE

Proficient with and capable of writing idiomatic C, C++ (including Boost and the C++ Standard Library), JavaScript (with jQuery, Prototype, Dojo, YUI, and more) and CoffeeScript. Familiar with PHP, Python and Ruby. Comfortable working in Windows or Linux environments. Vim enthusiast. L^AT_EX composer. Experienced with various SCM systems (git, SVN, and Perforce) and RDBMSes (MySQL, SQL Server).

WORK EXPERIENCE

SOFTWARE ENGINEER

July 2010 – Present

FactSet Research Systems, Platform Engineering Department, Norwalk, CT

- ◇ 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

- ◇ 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

- ◇ Used CakePHP framework for unification of company SAAS apps under one interface with LDAP authentication, multiple database connections, etc. Deployed SVN, Trac and used software engineering principles to coordinate a multi-developer environment. Developed database-backed, high-performance regulatory compliance search application with the Dojo toolkit.

USER INTERFACE DEVELOPER

July 2008 – November 2008

Aculus LLC, Salt Lake City, UT

- ◇ Developed JavaScript UI components for web statistics and SEO software with the Yahoo! UI Toolkit. Designed overall app UI from PSD wireframe mockup to working HTML & CSS template.

WEB APPLICATIONS DEVELOPER

June 2008 – September 2008

LunaWebs.com LLC, Salt Lake City, UT

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 AND ACADEMIC PROJECTS

Courses: 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. *Teaching Assistant:* Network Security, The Art of Programming

- ◇ **Networking (Fall '08):** Designed & built multi-threaded HTTP proxy server in C++. Implemented Distance Vector Routing algorithm and necessary UDP protocol in C++ on a simulated network.
- ◇ **Programming Language Design & Implementation (Fall '08):** Developed C++ parser generator for context-free grammars. Built HTML documentation generator for Java source code.
- ◇ **Operating Systems (Fall '09):** Wrote multithreaded C code with `pthread`s. Implemented custom userspace and kernel synchronization primitives in C, as well as a CPU scheduler and page manager.