

Elliott Sprehn

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TECHNICAL SKILLS

Programming: JavaScript, Java, C, C++, CSS, HTML5, PHP, Ruby, Python, ColdFusion 6-9, AS3, Objective-C

Operating Systems: Mac OS X, Linux

Server Software: ColdFusion 6-9, Apache

EXPERIENCE

Software Engineer, Google Inc.

2010-Current

Worked with teams developing future web standards for building HTML5 applications. Worked on WebKit and Chrome. Developed rendering, layout, DOM and platform features in Webkit.

Was the Tech Lead for Google Feedback. Built an HTML rendering engine in JavaScript and completely rewrote the web client. Optimized code resulting in 2-10x performance improvements. Set goals and direction for medium sized team. Provided expert HTML/CSS/JS and UX knowledge for multiple projects. Developed End2End test runner framework for AngularJS.

(<http://www.google.com/tools/feedback/intl/en/>, <http://angularjs.org/>)

Software Engineer, TeraTech Inc.

2006-2010

Developed conference related web applications. Coordinated technical aspects of conferences including AV and internet services. (<http://cfunited.com>, <http://teratech.com>)

Worked with team developing survey-processing system for National Guard. Designed stored procedures with T-SQL to process millions of survey records efficiently.

Worked on WMATA trip planner and bus tracking system in conjunction with NextBus. (<http://www.wmata.com>, <http://nextbus.com>)

Worked on projects with clients such as the American Petroleum Institute (API), The Smithsonian Institute, CarFax, Discovery Channel and Public Citizen.

Software Development Engineer Intern, Microsoft Inc.

Summer 2009

Worked with the MS Office User Experience Team (UEX) on next generation MS Office user interface components, customization features and internal tools using C++. Worked with Windows team on possible future integration plans for Windows 8.

Contractor, Montgomery County Mental Health Association

2005-2006

Designed and implemented custom content management system using ColdFusion MX and MSSQL.

Help Desk/Technical Support, MCPS School/Treatment Center (JLG-RICA)

2002-2004

Maintained laptop and desktop units for academic testing and presentations. Provided technical support for teachers and students. Dealt with confidential information. Worked on team to provide in person user support.

EDUCATION

University of Maryland, 2010

Bachelor of Science, Computer Science/Mathematics (GPA: 3.81)

CONFERENCE SESSIONS PRESENTED

- 1.0 Reasons to try AngularJS (cf.Objective 2012)
- Building High Availability Services (cf.Objective 2012)
- Production Ready JavaScript (cf.Objective 2012)
- Intro to AngularJS, JavaScript Done Right (cf.Objective 2011)
- Test Driven Development in JavaScript with JsTD and Jasmine (cf.Objective 2011)
- Designing Scalable and Creative Algorithms (CFUnited 2010)
- I Bet You Didn't Know You Could Do That With ColdFusion (CFUnited 2010, BFusion 2008)
- Frameworks for SOA Platforms (BFusion 2008)
- Internals of the Adobe ColdFusion Server (CFUnited 2008, BFusion 2008)
- Smart Frameworks (Frameworks Conference 2007)

Slides and descriptions available at <http://www.elliotsprehn.com/blog/presentations/>.