

OBJECTIVE

I am seeking a stimulating position in software development where I can continue to focus on web-based user interfaces and applications, and develop new and innovative skills.

TECHNICAL SKILLS

- CSS (Including CSS 3)
- Git version control
- HTML (Including HTML 5)
- IIS 7
- Java
- JavaScript
 - AJAX
 - AngularJS 1.x
 - CasperJS
 - PhantomJS
 - Prototype
 - JQuery and JQuery UI
 - Backbone
 - Underscore
- Microsoft Terminal Server
- Microsoft SQL
- MySQL
- OnTime project tracking
- Perforce version control
- PHP
- Python
- Scrum Agile Development
- Subversion
- Systems Analysis
- Visual Basic.Net
- Visual Studio
- Wikimedia
- Windows Server 2008 R2

PROFESSIONAL EDUCATION

B.S Informatics - Human-Computer Interactions Graduation: Winter 2012
University of Washington GPA: 3.24

NOTABLE EXPERIENCE

Software Developer III **F5 Networks** **April 2011-Current**

Big-IQ

- Work closely with User Experience team to create F5's new scenario-driven management solution designed to meet specific BIG-IP user needs
- Participate in UX design and review process; developing and implementing UX designs from start to finish
- Created a web-based interface using Javascript and a REST data model
- Migrated user interface from Backbone JS to Angular JS
- Maintained code quality by creating and maintaining a library of automated tests initially using CasperJS, then migrated to PhantomJS
- Used SCRUM to rapidly plan and complete projects within limited timeframes
- Built and maintained UI framework components used by UI teams in Seattle, Lowell, San Jose, and Tel Aviv
- Subject matter expert in CSS/CSS3
- Active participant in interview and hiring process for new developers
- Act as mentor to new team members

Enterprise Manager

- Expanded management functionality for F5's Enterprise Manager product using a Java Server Faces UI framework
- Maintained, updated, and re-implement existing features to meet evolving user needs
- Proposed and assisted in the design of new features based on assessment of needed functionality

Tyler Kamstra

Resume

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Student Web Producer

**University of Washington
Information School**

December 2010-April 2011

Centennial Website

- Constructed and maintained Drupal website for Information School's centennial events
- Developed CSS and implemented design provided by centennial panel

Software Developer Intern

Voter Activation Network

June-Sept 2010

"Blast Email" mass email management system

- Used VB.NET and MSSQL to re-architect a mass-email system to distribute information to political supports
- Member of a four person Scrum team using rapid prototype and development techniques to resolve performance issues in voter notification system
- Expanded functionality and optimized performance allowing political campaigners to efficiently distribute mass-mailings to political supporters

Student Web Developer

**University of Washington
Mechanical Engineering Department**

June 2008-Dec 2010

External website redesign (<http://www.me.washington.edu>)

- Utilized PHP, CSS, and MySQL to reconstruct, reorganize, and redesign the department's external website
- Redesigned site to meet the UW Engineering College's design standard with optimized and reworked CSS
- Improve information availability and accessibility on the website for students, faculty, and members of the community

Rebuilt database-driven internal data management website

- Rebuilt several web tools utilizing PHP, CSS, and MySQL used for management of documents, course information, and room assignments
- Reconstructed data model for internal system in order to reduce server load, and make database schemas simpler to utilize
- Created simpler, more useful, more reliable tools for data management

Student Programmer

**University of Washington
Resuscitation Outcome Consortium**

June 2008-Feb 2009

Clinical trial data site expansion

- Developed and expanded tools for the collection, management, and study of clinical trial data
- Used Perl and MySQL to build upon an existing system using subversion to manage collaboration
- Allowed for simpler visual interpretation and study of trial data

Computer Desk Analyst Intern

Leviton Network Solutions

June-Sept 2009

Facility tech support

- Provided end user support services for a corporate office of 60+ employees; including os/software updates, patch management, and resolution of security issues
- Provided regional support for nation-wide corporate LAN, WAN, servers and storage
- Reduced end user down-time by resolving technical issues