

David Nguyen Quoc Duong

(Online Copy)

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OBJECTIVES

To secure a software development position with an organization committed to quality and innovation which present challenging responsibilities that expand the breadth and depth of my software development, teamwork and leadership abilities.

EDUCATION

BSc. in Computer Science with Internship

September 2004 - April 2009

- Researched, implemented and evaluated a way to extract information from HTML
- Created pattern tree which allowed computers to translate results from website queries into relational data

RELEVANT SKILLS

Languages and Specifications

- **Primary Languages:** Java, PHP, C
- **Specifications:** HTML 5, CSS 3, JavaScript, XML, XQuery, XSL, SOAP, REST, JSON, SQL, IndexedDB
- **Testing:** JUnit, Selenium, JBehave

Systems

- **DBMS:** Oracle, DB2 for LUW, MySQL, CouchDB, MongoDB
- **App/Web Servers:** WebSphere, GlassFish, Apache, Nginx
- **OS:** Mac OSX, Linux, Windows
- **Revision:** SVN, Mercurial, GIT

ADDITIONAL SKILLS

- **Teamwork:** Collaborated with peers to accomplish shared goals in a web-development project
- **Self-starter:** Independently studied programming, web design and web development
- **Adaptable:** Ignoring job descriptions, assumed responsibility for the technical aspect of a project ensuring the migration of real clinical information when the role was unexpectedly vacated
- **Fast-learner:** Self taught ASP, node.JS, Ruby each within a day.
- **Conflict-Resolution:** Helped bring consensus on a specification for a project in the development process

WORK EXPERIENCE

Software Developer

May 2010 – Present

Strata Health Solutions Inc.

- Developed web applications used by clinicians to manage patient flow using a variety of tools and specifications including Java, Oracle and Eclipse
- Designed, developed and executed the migration of massive amounts of real clinical information from an incongruent system
- Created WS-Security compliant SOAP web service to facilitate cross-system interoperability; extended existing HL7 and REST integration methods
- Reworked behaviour driven automated web browser testing framework using Selenium, JBehave and VMware

Student Hire Software Developer

January 2008 – September 2008

IBM Canada Ltd.

- Performed implementation and verification of database interfaces which expose monitoring information using C and Perl for DB2 LUW
- Verified lock related scenarios which involved deadlocks and timeouts across multiple members, schemas and table-spaces.

Summer Student Software Developer

May 2007 – May 2008

University of Calgary

- Developed a variety of web applications using PHP, MySQL and several W3C specifications after gathering the requirements of the clients

Summer Intern Software Developer

July 2004 – August 2004

SAIT Information Systems

- Implemented an intranet website using ASP.NET and MSSQL to help intra department collaboration to improve the department's productivity

RELATED PROJECTS

CrowdCollab

March 2012

- Implemented prototype using server-side Javascript with Node.JS and the noSQL database MongoDB to create a JSON REST service and an HTML 5 cross-browser and mobile-friendly client

Vizi

- Designed an image viewer using Swing which treated archives as directories.
- Implemented display component which rendered images and used affine transformations to enable features such as translate, scale, and rotate

termBlaster

- Created a FireFox extension utilizing a database of web services which allow users to quickly query those services by selecting text displayed in their web browser