

Clement Hoang

2A Software Engineer
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EDUCATION

UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR OF
SOFTWARE ENGINEERING
Waterloo, ON

LINKS

<https://github.com/Cinnabon>
<http://ca.linkedin.com/in/clementhoang/>
<https://www.blog.clementhoang.net>

SKILLS

PROGRAMMING

Languages:

C# • Bash • HTML • Javascript
CSS • Python • C • C++ • CSS
Java • PHP • Ruby • MySQL
T-SQL • R

Technologies:

ASP.NET MVC • Ruby on Rails
.NET (WPF) • jQuery • IIS
Android • XML • Json • Git
TFS • SignalR • MongoDB

Tools:

Visual Studio • Blend • Eclipse
Linux • Shell • Sublime Text
Microsoft SQL Server

COURSEWORK

UNDERGRADUATE

Programming Principles
Data Abstraction and Implementation
Logic and Computation
Digital Computers
Foundations of Sequential Programs
Statistics for Software Engineering

LANGUAGES

English • Cantonese

INTERESTS

badminton • food • anime •
gaming • scripting • manga
table tennis

EXPERIENCE

OBJECTIFI | .NET SOFTWARE DEVELOPER

April 2014 - August 2014 | North York, ON

- Enhanced robustness of financial software used by major banking corporations worldwide by fixing database and UI defects
- Developed and documented a proprietary regression tester and browser automator that detected many software bugs
- Facilitated automation of tasks by writing scripts and encouraging their usage by company employees
- Contributed to software engineering expertise by adopting agile methodologies from requirements to successful deployment

PROJECTS

PERSONAL BLOG | Aug 2014 – Present

Created a responsive and mobile-friendly personal blog that is hosted on GitHub Pages. The blog is made of static pages generated with Jekyll, and uses GitHub as a CMS. Used Jekyll, Liquid, HTML, CSS, RedCarpet Markdown, Git.

BROWSER AUTOMATION UI TOOL | May 2014 – Sept 2014

Built a fully-featured regression testing suite that performs customizable regression testing for one of the world's largest financial technology company. The browser automation tool uses browser actions to simulate user functionality, and the configuration interface was deployed in the internal cloud. A lightweight XML database was also implemented in order to store different testing profiles among other keys. Also, the usage instructions and key modules of the design were documented using Markdown. Used ASP.NET MVC 5, Selenium WebDriver, C#, Twitter Bootstrap, Markdown

MATRIX TOOLS | Oct 2013 - Sept 2013

Built an Android application that performs a variety of operations on matrices. Developed requirements and led a small team in the hackathon through the development process. Implemented key features such as matrix multiplication, inversion, and row reduction. Used Java, Android API, XML.

BCQUEUE Jul 2013 – Oct 2013

Worked with a designer to create a fully featured badminton club management program for Windows that allows club managers to effectively organize court usage and manager club members. Developed using an MVVM paradigm to improve workflow with designer. Implemented key features such as the player databank, asynchronous court timers, a real-time queuing system, and parts of the user interface. Used WPF, C#, .NET 4.0, XAML, Blend

AWARDS

2014	Dean's List	University of Waterloo
2013	President's Scholarship	University of Waterloo
2011	HB Blizzard Computer Science Award	Harold M. Brathwaite S.S.
2010	Top 64 in Junior CCC Stage 1	University of Waterloo