

# 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/Clemmy>  
<http://ca.linkedin.com/in/clementhoang/>  
<https://www.blog.clementhoang.net>

## SKILLS

### PROGRAMMING

Currently Learning:

Node.js • Ruby on Rails  
Assembly (Thumb, MIPS)

Languages:

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

Technologies:

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

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 • hackathons  
bubble tea

## 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

### FAVORS | Sept 2014 - Present

Built a social experiment to standardize the value of a favour for Hack The North. Favors is an application on the Android platform that allows Facebook users to exchange favours with one another. Worked with a team throughout the development process. Used Java, Android API, Python, Flask framework, Facebook SDK for Android, MySQL.

### 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 UI AUTOMATION 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

### 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