Clement Hoang

2A Software Engineer
http://clementhoang.net
c8hoang@uwaterloo.ca | 647.871.8336

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for Bachelor of Software Engineering
Waterloo, ON

LINKS

Github:// **Cinnabon**
LinkedIn:// **clementhoang**
Blog:// **clementhoang**

SKILLS

PROGRAMMING
Languages:
C# • Bash • HTML • Javascript
CSS • Python • C • C++ • CSS
MySQL • Microsoft SQL Server
Java • PHP • Ruby
Technologies:
ASP.NET MVC • Ruby on Rails
.NET (WPF) • jQuery • IIS
Android • XML • Json • Git • TFS
Tools:
Visual Studio • Blend • Eclipse
Linux • Shell • Sublime Text

COURSEWORK

UNDERGRADUATE
Information Retrieval
Operating Systems
Artificial Intelligence + Practicum
Functional Programming
Computer Graphics + Practicum
(Research Asst. & Teaching Asst)
Unix Tools and Scripting

INTERESTS

badminton • food • anime •
gaming • scripting

EXPERIENCE

OBJECTIFI | .NET Software Developer
April 2014 - August 2014 | North York, ON

- Enhanced robustness of financial software used by major banking corporations worldwide through defect fixing
- 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

CORNELL ROBOT LEARNING LAB | Head Undergrad Research
Jan 2014 – Present | Ithaca, NY
Worked with Ashesh Jain and Prof Ashutosh Saxena to create PlanIt, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments. Publication submitted.

CORNELL PHONETICS LAB | Head Undergraduate Researcher
Mar 2012 – May 2013 | Ithaca, NY
Lead the development of QuickTongue, the first ever breakthrough tongue-controlled game with Prof Sam Tilsen to aid in Linguistics research. Publication submitted.

AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	2nd most points	Google Code Jam, Qualification Round
2014	1st/50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7th/120	CS 3410 Cache Race Bot Tournament
2012	2nd/150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist
2010	National	Comp. Soc. of India's National Programming Contest

SOCIETIES

2014	top 12%ile	Tau Beta Pi Engineering Honor Society
2014	National	The Global Leadership and Education Forum (tGELF)
2012	National	Golden Key International Honor Society
2012	National	National Society of Collegiate Scholars