

Clement Hoang

2A Software Engineer
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EDUCATION

UNIVERSITY OF WATERLOO
CANDIDATE FOR BACHELOR OF
SOFTWARE ENGINEERING
Waterloo, ON

LINKS

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

SKILLS

PROGRAMMING

Over 5000 lines:
Java • Shell • JavaScript • Matlab
OCaml • Python • Rails • \LaTeX
Over 1000 lines:
C • C++ • CSS • PHP • Assembly
Familiar:
AS3 • iOS • Android • MySQL

COURSEWORK

GRADUATE

Advanced Machine Learning
Open Source Software Engineering
Advanced Interactive Graphics
Compilers + Practicum
Cloud Computing

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

COURSERA | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

Expected June 2014 – Sep 2014 | Mountain View, CA
• 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.

GOOGLE | SOFTWARE ENGINEERING INTERN

May 2013 – Aug 2013 | Mountain View, CA
• Worked on the YouTube Captions team in primarily vanilla Javascript and Python to plan, design and develop the full stack implementation of a new framework to add and edit Automatic Speech Recognition captions.
• Created a backbone.js-like framework for the Captions editor.
• All code was reviewed, perfected, and pushed to production.

PHABRICATOR | OPEN SOURCE CONTRIBUTOR & TEAM LEADER

Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY
• Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
• I created the Meme generator, the entire Lipsum application, ported Tokens to different apps, fixed many bugs and more in PHP and Shell.
• Led a team from MIT, Cornell, IC London and UHelsinki for the project.

RESEARCH

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