

# 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

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

### 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.

## 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