

# Darren Cao

2B Software Engineering

20522311

## contact

45 Stacey Crescent  
Markham, Ontario  
L3T 6Z7 / Canada

(519)-591-7758 (cell)

d2cao@uwaterloo.ca

## programming

### languages

C#, C++, Java  
JavaScript  
CSS3 & HTML5

### frameworks

AngularJS, Bootstrap

### tools

Git, Bower

## Education

2013–Present

Candidate for **Bachelor of Software Engineering**

The University of Waterloo

*Cumulative Average: 92%*

- Class Rank: Top 10%
- Term Dean's Honours List achievement every term

## Work Experience

Jan–Apr 2015

**ULTIMATE SOFTWARE**

Weston, Florida

*Software Engineering Intern*

- Created and released a webpage scraping Chrome Extension for the code generation of Selenium-based automated tests
- Optimized the speed of Excel report generating tool by over 150% through reducing dependency on Component Object Model processes
- Made REST API calls with Node.js on the server-side and displayed the response content on the front-end with Angular JS

May–Aug 2014

**TORONTO HYDRO**

Toronto, Ontario

*Student Technician*

- Produced and modified station design drawings using CAD, demonstrating strong teamwork skills and a keen attention to details

## Projects

Mar–Apr 2015

**Link Share**

MongoDB, Express.js, AngularJS, Node.js

- Built a dynamic link-sharing website similar to reddit using the MEAN stack, with the ability to create posts, add comments, and upvote

Jan–Apr 2014

**Android Pedometer**

Java

- Implemented a step counter for Android devices using accelerometer, finite-state machines, and high-pass/low-pass filter techniques

## Awards and Achievements

2013

**American Invitational Mathematics Examination (AIME) Participant**

Qualified through a Top 5% score on the American Mathematics Competition

2013

**Top 99<sup>th</sup> Percentile Score on the SAT College Admission Exam**

Achieved a score of 2250 out of 2400 on the SAT and a perfect 800 on the Math Level 2 subject test

2012–2013

**Elected as the Public Relations Officer of St. Robert CHS Student Council**

Duties included public speaking in front of the student body and giving presentations to school administration

## Activities and Interests

Waterloo Engineering Society, playing with new technologies, basketball, music, cooking