

# Ayush Bhagat

2A Software Engineering  
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## SKILLS

### PROGRAMMING

General:

Java • C++ • C

Backend:

Java EE • Node.js • PHP

Frontend:

HTML • CSS • JavaScript

### TECHNOLOGIES

Libraries:

jQuery • Express.js

Databases:

MySQL • MongoDB • RDS & S3

Other:

Android • Android Studio • Eclipse

Git • Perforce • Unix

## EDUCATION

### UNIVERSITY OF WATERLOO

BACHELOR IN SOFTWARE  
ENGINEERING

Expected April 2018 | Waterloo, ON

Cum. Average: 90%

### BRAMPTON CENTENNIAL

Grad. June 2013 | Brampton, ON

## LINKS

Github: [github.com/ayushbhagat](https://github.com/ayushbhagat)

LinkedIn: [ca.linkedin.com/in/ayushbhagat](https://ca.linkedin.com/in/ayushbhagat)

## AWARDS

### UNIVERSITY

President's Scholarship of Distinction

Honours Dean's List

### SCHOOL

Governor General's Academic Medal

Tech Wave Communication Scholarship

Euclid & CCC Certificate of Distinction

Highest Average (*Computers, Math & Science*)

## EXPERIENCE

### GOOGLE | SOFTWARE ENGINEERING INTERN

Jan 2015 – Apr 2015

- Performed data analytics and visualizations on big data to help determine new product features for Google Shopping.
- Created a **FlumeJava (MapReduce)** pipeline to calculate aggregated statistics from over **1 billion** user data entries.
- Wrote **Dremel** queries that extract statistics from various tables to power user-friendly dashboards.

### TUTORJAM | SOFTWARE DEVELOPER

May 2014 – Aug 2014

- Created the entire application process used by **1000s** of tutors to apply.
- Developed an end to end system allowing admin to edit, remove and publish tutor profiles from **SchoolTutoring** to the online tutor catalogue on WordPress.
- Added features on **YuJa** such as enabling users to upload audio files to learning channel and sending periodic digest emails.
- Worked with J2EE, EJB, JSP, JDBC, PHP, HTML, CSS, jQuery, JBoss, AWS.

## PROJECTS

### SKIP THE WAIT | FRONTEND & BACKEND DEVELOPER

Sep 2014

A web tool that allows patients to queue in before physically going to a walk-in clinic. Worked with **Node.js**, **Express.js** and **MongoDB** to create the server and **HTML**, **CSS** and **JavaScript** for the client. Created API endpoints for the client to access and used Google Maps API to display the clinics near the patient's location for them to queue into. <http://dogwalkers.github.io/htn-angular/>

### WHITEBOARD | FRONTEND DEVELOPER

Mar 2014

Winner of the **Best Design Award** at Hack-Waterloo. A tool for developers to search and connect with other developers. Worked with **HTML**, **CSS** and **jQuery** to develop the frontend as well as **Node.js** and **MongoDB** for the backend.  
<http://uwwhiteboard.com/>

### BUBBLESCAPE | ANDROID DEVELOPER

Aug 2012 – Sep 2012

An original android game developed using **Eclipse**. Developed a method for rotating the game objects and created game animations. Received **100+** installs on Google Play. <https://play.google.com/store/apps/details?id=com.RICE&hl=en>