

Ayush Bhagat

2B Software Engineering | a4bhagat@uwaterloo.ca | 647.390.0271

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 • Vim

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor in Software Engineering

Expected April 2018

Cum. Average: 90%

LINKS

Personal Website: ayushbhagat.com

Github: github.com/ayushbhagat

LinkedIn: [linkedin.com/in/ayushbhagat](https://www.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 monitor user activity for Google Shopping.
- Created a **FlumeJava (MapReduce)** pipeline to calculate aggregated statistics from **billions** of user data entries.
- Wrote and optimized **Dremel** queries that extract statistics from various tables to power dashboards, which are used by several teams within Google Shopping.

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.

<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://www.whiteboard.com/>

BUBBLESCAPE

Android Developer

Aug 2012 - Sep 2012

Original android game developed using **Eclipse**. Developed algorithm used to rotate game objects and created game animations. Received **100+** installs on Google Play.

<https://play.google.com/store/apps/details?id=com.RICE&hl=en>