

# Shaunak Tulshibagwale

## CONTACT

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## EDUCATION

### UNIVERSITY OF BRITISH COLUMBIA

BSc IN COMPUTER SCIENCE  
Expected Graduation: May 2022  
Cum. GPA: 85.6%  
Major GPA: 89.7%

## SKILLS

### PROGRAMMING

Experienced  
Java • Python • Unix • Git  
Familiar  
C/C++ • HTML • CSS • Matlab  
•  $\text{\LaTeX}$  • SQL • Javascript/Typecript •  
Node.js

## COURSEWORK

### UNDERGRADUATE

Models of Computation  
Software Construction  
Intro to Software Engineering  
Introduction to Computer Systems  
Basic Algorithms and Data Structures

## OTHER

### FUTURE ENGINEERS SUMMER CAMP | VOLUNTEER TEACHER

June 2016 | June 2017 | Cupertino, CA  
Worked as a volunteer to teach kids of  
various ages the basics of programming,  
using languages such as Scratch or Java.

### BADMINTON COACH CUPERTINO SPORTS CENTER

February 2016 – June 2018  
Coached children from grades 1-8 in  
beginner, intermediate and advanced  
badminton classes.

This resume made using  $\text{\LaTeX}$  | Last  
updated 14th January 2020

## EXPERIENCE

### ZEDEDA | ENGINEERING INTERN

May 2019 - August 2019 | Santa Clara, CA

- Created and automated tests for Zededa's Cloud UI
- Built and tested infrastructure and workflows for automation using python and the selenium API.
- Onboarded and prepared IoT Edge computers for POC (Proof-of-Concept) demos for client companies such as LG, Exxon, Invenergy, etc.
- Setup Linux VM's using VMWare ESXi to create containers for testing purposes and for client use cases

### CPSC 210 | TEACHING ASSISTANT

Present | UBC Department of Computer Science

- Run labs, hold office hours and assist in lectures for Software Construction taught in Java. Some topics include software design, data structures, debugging, and unit testing.
- Grade students projects, midterms/finals as well as providing feedback to improve programming skills

## PROJECTS

### TOXICITY ANALYSIS BOT

Fall 2019

A Reddit bot that uses NLP models to classify a comment for toxicity (rude, disrespectful or unreasonable), and aggregates all of a users comments to a score which is returned to the person who requested it.

### TYPEMENOT

nwhacks 2020 | Wolfram Award

Chrome extension that gives real time feedback on comments written before they are posted using NLP sentiment analysis algorithms through Google Cloud. Winner of the Wolfram Award, given to top 20 teams of 146 participants

## CLUBS/ACTIVITIES

### UBC COMPETITIVE PROGRAMMING

February 2019 – Present

Member of UBC ACM club, attends bi-weekly practices and competitions for UBC's ACM team tryouts as well as the ICPC (International Collegiate Programming Competition)

### INSTRUCTOR HIRING COMMITTEE

UBC DEPARTMENT OF COMPUTER SCIENCE

September 2019 - Present

Undergraduate representative for hiring faculty and professors for UBC CS.

### EH? CAPPELLA | TENOR

September 2018 – June 2019

Member of UBC's Premier A Cappella Group, Placed 2nd in ICCA Quarterfinals (International Championship of Collegiate A Cappella). Rehearsed up to 10 hours a week, and traveled to Seattle and Portland for competitions.