

# Shaunak Tulshibagwale

## CONTACT

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## EDUCATION

### UNIVERSITY OF BRITISH COLUMBIA

BSc IN COMPUTER SCIENCE  
Expected Graduation: May 2022  
GPA: 80%

## SKILLS

### PROGRAMMING

Experienced

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

## COURSEWORK

### UNDERGRADUATE

Machine Learning (MOOC)  
Intro to Software Engineering  
Introduction to Computer Systems  
Intermediate Algorithms and Data  
Structures  
Multi Variable Calculus

## 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 2nd September 2020

## EXPERIENCE

### SOFTWARE PRACTICES LAB @ UBC | VOLUNTEER RA

April 2020

- Used BeautifulSoup and python to crawl various documentation websites to collect data for extracting semantic frames from SE natural language artifacts.
- Consolidated survey data into JSON usable by Semantic Frame API.

### ZEDEDA | SOFTWARE 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.
- Deployed containerized client use-case applications for demos and testing.

### 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

### 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

### UBC FREESEAT TRACKER

A python script that tracks the number of free seats available for a course, and texts you using the Twilio API once a restricted or general seat is open.

## CLUBS/ACTIVITIES

### CSSS | WEBMASTER

Present

Computer Science Student Society webmaster in charge of maintaining the Linux server and website using Hugo and served using Netlify.

### INSTRUCTOR HIRING COMMITTEE

UBC DEPARTMENT OF COMPUTER SCIENCE

Present

Undergraduate representative for hiring faculty and professors for UBC CS.

### UBC COMPETITIVE PROGRAMMING

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)