

# Shaunak Tulshibagwale

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## TECHNICAL SKILLS

### LANGUAGES

Proficient: Java, Git  
Familiar: Lisp, HTML/CSS

### CONCEPTS

Object Oriented Programming |  
Functional Programming | Basic Data  
Structures | Basic Algorithms | Test  
Driven Development

## EXPERIENCE

### MECHANICAL BUILD LEAD | MVRT

January 2016 - June 2017

Member of Mechanical Division of Monta  
Vista Robotics Team. Helped fabricate the  
competition robot through CAD and  
working in the machine shop.

Scouted other teams at competitions in  
Utah and Silicon Valley Regionals.

Worked in the engineering division to  
design the robot through prototyping

### VOLUNTEER | FUTURE ENGINEERS SUMMER CAMP

June 2016 | June 2017 | Cupertino, CA

Worked as a volunteer to teach kids of  
various ages how to program in languages  
such as Scratch or Java.

## PROJECTS

### Task Manager

A program written in Java using JavaFX to  
create a basic desktop task manager. The  
app was built to help me understand GUI's,  
app development and JSON. The app is a  
simple task manager that handles tasks  
with a deadline, priority, and specific tags.

### Cypher

Wrote a program to encode and decode  
information passed through Strings. The  
program randomly assigned values to each  
ASCII character and translated a random  
number of times.

## EDUCATION

### UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER

EXPECTED GRADUATION: JUNE 2022

Bachelor of Science in Computer Science

Selected Coursework

Term 1 Courses:

- SYSTEMATIC PROGRAM DESIGN
- MODELS OF COMPUTATION
- DIFFERENTIAL CALCULUS WITH APPLICATION TO ENGINEERING

Term 2 Courses:

- INTEGRAL CALCULUS WITH APPLICATION TO ENGINEERING
- SOFTWARE CONSTRUCTION

## ACTIVITIES

### UBC COMPETITIVE PROGRAMMING

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)

### BADMINTON COACH CUPERTINO SPORTS CENTER

February 2016 - June 2018

Coached children from grades 1-8 in beginner, intermediate and advanced  
badminton classes. Each class had around 20 kids, with two coaches.

### EH? CAPPELLA TENOR

Member of UBC's Premier Competitive A Cappella Group, Placed 2nd in  
ICCA Quarterfinals (International Championship of Collegiate A Cappella)

## MONTA VISTA HIGH SCHOOL

### CUPERTINO, CA | CLASS OF 2018

Selected Coursework

Course	AP Score
AP Computer Science A	5/5
AP Physics C: Mechanics	5/5
AP Physics C: Electricity and Magnetism	5/5
AP Calculus AB	5/5
AP Statistics	4/5
AP Biology	4/5

## AWARDS

2017	AP Scholar with Distinction	College Board
2018	Maestro Singer Award	Anaheim Heritage Festival