

ACHINTH BHARADWAJ

Computer Science and Statistics
Student, Year 2

📍 Burnaby, British Columbia
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TECHNICAL STRENGTHS

- **Java:** 2 years of experience
- **Python:** Familiar level of experience
- **Git:** Beginner level of experience
- **R:** Beginner level of experience
- **C++:** Currently learning

WORK EXPERIENCE

- Software Developer at UBC Launch Pad** **Sep 2019 - Present**
- **Develop** software projects with **4-5 team members** with real-life applications
 - Currently working and developing on a **Wi-fi heatmap software** for the UBC campus to provide student location data
- Seasonal Sales Associate at Fossil Inc.** **Sep 2017 - Jan 2018**
- Learned to **operate under high stress** while maintaining determination
 - **Achieved daily sales goals** by striking a rapport while promoting goods and services

PROJECTS

Jun 2019 - Present
personal

Statistical Inference Calculator

Built a quick desktop **statistical inference** calculator which runs **hypothesis testing**
Allows users to automate calculations for **z-tests** and **t-tests**
Currently implementing **raw data parsing** for hypothesis testing to run top-to-bottom processing
Python

Feb - Mar 2019
academic

Desktop Task Manager

Constructed a task manager app for personal use with basic tags, deadlines and priority levels
Parsed system input into **JSON** for **data persistence**
Built GUI with **FXML** to visualize app layout with controller classes
Java / JSON

May - Jun 2018
personal

Text-based Chess

Constructed as proof of concept for **data structures** and **object-oriented design** in **Java**
Enabled with complex chess moves including **castling** and **en passant**
Java

EDUCATION

2018 – current

Bachelor of Science in Computer Science and Statistics **The University of British Columbia**
Expected Graduation: June 2023
Targeted coursework: Software Construction, Introduction to Data Science, Data Structures and Algorithms, Models of Computation

2014 – 2018

High School Diploma

Moscrop Secondary School
Targeted coursework: AP Computer Science, AP Psychology, AP Calculus, AP Physics 1 and 2

AWARDS

2018 National AP Scholar (Canada) - certified by College Board
2018 Youth Good Neighbours Award - certified the Association of Neighbourhood Houses of British Columbia

HOBBIES

I love ultimate frisbee! I started my high school varsity nearly three years ago along with fellow Moscrop students and fostered an ultimate program that now expands one senior and junior team, winning multiple city championships in 2018 and 2019.

NON PROFIT

I help the Burnaby Neighbourhood house as a youth volunteer, hosting many events for the community and developing a program named "Emerge" to empower children with leadership skills in childcare.