

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 team members** with real-life applications
 - Currently working on front-end data display for a **carbon footprint statistics app** using **React Native and Javascript**
- 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 started my high school varsity nearly three years ago along and fostered a program that now spans over a hundred students, winning multiple city championships in 2018 and 2019. I'm also a two-time intramural champion at UBC!

COMMUNITY INVOLVEMENT

Volunteering - I help the Burnaby Neighbourhood house as a youth volunteer with child empowerment programs!
Softboarders - I make YouTube videos about algorithms and data structures in order to return to the community and help those in need of it.