

Ricky Hanxian Yang

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EDUCATION

BSc. Computing Science

Simon Fraser University

2020 – 2025

PROJECTS

Stock Bot

06/2022 – 08/2022

- Developed an automated messaging algorithm in Python, alerting users of stock price changes.
- Improved Time Complexity by 20% using multiple, iterative debugging stages including Breakpoints and Program Slicing.
- Implemented the user interface into a universal communications app.

Game-Tracker App

10/2022 – 12/2022

- Thoroughly Developed a simple game tracker app in Java/Android Studio in a small team
- Developed using Agile Methodologies/Roles
- Efficiently completed and delegated tasks through Git
- Precisely diagnosed bugs using JUnit 5 Platform

MineSweeper-Like App

09/2022 – 10/2022

- Developed a game similar to MineSweeper in Java/Android Studio
- Debugged using JUnit 5 platform and other methods
- Utilized Git for version control

AVL Tree Project

05/2022 – 06/2022

- Partially Developed a Self Balancing Binary Tree that stored values or templates in C++
- Understood and interpreted code in order to implement and develop key functions in code correctly
- Used multiple debugging methods, like Brute Force and Cause Elimination methods, to identify key errors

PROFESSIONAL EXPERIENCE

Carl's Jr.

Supervisor

09/2016 – 12/2020

- Excelled in using teamwork and communication skills by delegating tasks to other employees.
- Precisely expedited orders while overseeing quality control.

Customer Service Representative

09/2016 – 12/2020

- Interacted with customers at point-of-sales while executing transactions.
- Practiced interpersonal conflict de-escalation and communication skills.

Snapstix

09/2019 – 03/2020

Information Technology Team Leader

- Co-founded a student-led startup that achieved a 200% ROI in 18 weeks.
- Achieved second place in sales compared to other teams in the program.
- Efficiently implemented company and product information on a site using HTML.
- Led a 5+ member team, delegating and overseeing tasks across team members.

Sock Shop

09/2018 – 06/2019

Co-founder

- Co-founded a student-led startup that developed tie-dye socks.
- Achieved first place in sales compared to other teams in the program.
- Heavily involved in company production, creating almost 50% of the total supply.

SKILLS

Programming Languages/Skills

Python, C++, C, Java, Debugging, Agile Development, Android Studio, Git, Microsoft Suite, HTML, MATLAB, JUnit 5

Soft Skills

Leadership, Communication, Teamwork, Team Management, Reliability, Dedication, Hard-Worker