

SAHIL JANJUA

Surrey, BC

778 882 6439

sahil_janjua@sfu.ca

GitHub: SahilJ10319

WORK EXPERIENCE

IT Assistant

09/2020 – 8/2021

Guru Amardas Systems LTD, Surrey, BC

- Active **development** and **maintenance** of a mobile app using **Flutter** that allows users to check weekly scheduled shifts, check times for lunch breaks, and help keep track of hours worked.
- **Scraped JSON** data from an authoritative website for shifts available at a later time, which have a limited ability to be forecasted into the future.
- Migrating organization-wide event scheduling to Google Calendar to support web users and exposed calendar data in app via **Google Calendar API**, while storing previous event photos in **AWS S3**.
- Worked to provide user with a bug free and smooth user interface.
- Using an **agile development** process to continually add new features and **gather user feedback** to improve the overall user experience.

C++ Tutor

01/2018 - 02/2020

Freelance Tutor, Surrey, BC

- Assisted over 3 customers per week in beginners **C++** material.
- Manage a user base on social media sites such as Facebook and Instagram.

PROJECTS

Thief

01/2021 – 4/2021

Software Developer

- 2-D Java game developed using proper software development processes to successfully develop and maintain program.
- Developed maze for game characters using various algorithms.
- Completed testing for project using **JUnit**.

LISP: Life is Short and Painful

11/5/2020 – 11/11/2020

Web Developer

- Provided UI code using **JavaFX** to develop board for Tic Tac Toe game.
- Utilized a **distributed version-control system** using **GitHub** to maintain project history.

Animal Encyclopedia

04/2020 – 05/2020

Software Developer

- Programmed a server running a **Spring Web MVC** framework application using **Tomcat** that provides a **REST API**.
- Visually displayed data kept on a **JSON** file on a client-side application developed using JavaFX skinned with **CSS**.

EDUCATION

Simon Fraser University

BSc. Computer Science - Software Systems

09/2018 - Present

TECHNICAL SKILLS

- Languages: C, C++, Java, MATLAB, HTML, Ruby, JavaScript, CSS, jQuery, and PHP, Racket, and RISC-V
- Operating Systems: Windows, Mac OSX, and Linux
- Version Control Systems: GitHub and Gitlab

ADDITIONAL SKILLS

- Effective organization and time management skills
- Able to handle multiple tasks and responsibilities concurrently
- Good problem-solving skills
- Quick learner with positive attitude towards learning
- Ability to work independently with minimum supervision
- Team player and work well with others
- Excellent communication skills using multiple languages. Fluent in English and Punjabi

ACTIVITIES AND HOBBIES

- Enjoy travelling
- Casual video gaming and movies with friends and family
- Playing recreational soccer with friends

VOLUNTEER WORK

- Miracles of Technology
 - Worked with a team of colleagues to demonstrate programming to grade 5-6 students to get them excited about the technology field.
 - We taught them how to code using a Raspberry Pi and manipulate a light strip using external switches.
- Helped distribute food and clothing for the homeless

REFERENCES

Available on Request