

Amitoz Jatana

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EDUCATION

University of Toronto | Honours Bachelor of Science

September 2021 – April 2025

Computer Science Specialist (Co-op), Software Engineering Stream

Relevant Courses: Intro to Computer Science I & II, Software Design, Intro to the Theory of Computation

SKILLS

Languages: Python, C, Java, HTML, JavaScript, CSS, Kotlin

Tools/Frameworks: Android Studio, Firebase, Flask, Bootstrap, JUnit, Git, SVN, GitHub

Concepts: SOLID, Design Patterns, Agile Methodology (Scrum), Object Oriented Programming

PROJECTS

Course Assist Application | [GitHub](#)

November 2022 – December 2022

- Developed an **Android app** that allows students to plan their courses based on information such as prerequisites and offering sessions made available by the Admin
- Implemented the features that would allow the Admin to login, as well as add, update, or delete a course using **Java** and the **Realtime Database** in **Firebase**
- Performed thorough unit testing using **JUnit** and **Mockito**
- Collaborated with Scrum team to complete 6 user stories and utilized **Jira** to apply **Agile** principles

To-Do List Website | [GitHub](#)

October 2022

- Developed a full-stack website that allows the user to add tasks they would like to accomplish and delete them afterwards
- Designed the frontend using **HTML** and **Bootstrap CSS**, allowing for an appealing interface
- Implemented the backend using the **Flask** framework in **Python**, and utilized **SQLAlchemy** to create a database to store the user's login information and tasks they wish to achieve

Social Media Network Database | [GitHub](#)

July 2022 – August 2022

- Developed a social media network using data structures such as linked lists and graphs in **C**, that allows a user to add friends by following other users in the database and subscribe to brands they like
- Implemented an extra feature that suggests a new friend for the user, the newly suggested friend has the highest number of mutually subscribed brands with the current user

EXPERIENCE

First Financial Solution Inc | Personal Assistant

September 2021 – January 2022

- Scheduled and organized **15+** appointments per day increasing productivity in the workplace
- Edited and proofread executive materials ensuring **100%** accuracy
- Created a monthly newsletter for the office showcasing achievement boosting employee morale