

Suhavi Sandhu

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EDUCATION

B.ENG in Software

2015-2020

McMaster University, Hamilton ON

- Awarded Entrance Scholarship and made Deans' Honor List
- Part of Women in Engineering club and QuizBowl
- Current GPA: **3.7/4.0**

SKILLS

Programming

- Proficient: Java, Python
- Prior Experience: JavaScript, HTML, CSS
- Currently Learning C++, SQL, GoLang

Software

- Windows, Linux
- Git, Latex, Doxygen
- MS Office
- Adobe Creative Suite

Frameworks

- Flask
- Node.js
- React.js
- Google Web Toolkit

Concepts

- Data Structures and Algorithms
- Object-Oriented Programming
- Concurrent System Design

EXPERIENCE

IoT Automation and Device Administrator

Aug 2018-pres

Bell Canada, Mississauga, Ontario

- Work with the latest mobile devices to ensure usage and IoT capabilities

Software Tester

May-June 2017

Technitask, Scarborough, Ontario

- Manually tested software using JIRA in an **Agile development environment**
- **Improved efficiency** of team by writing a Python script to automate test creation

PROJECTS

LitCoin – Designer and Developer

Mar 2018

- Simulation of cryptocurrency market for those who want to experiment before investing
- Used a **cryptocurrency API** to fetch the rate of popular currencies and **socket.io** for concurrent transactions

ThunderWear – Winner at Hack Western 4

Nov 2017

- Alarm made with Qualcomm's DragonBoard410c that fetches weather and suggests outfits based on weather
- Implemented logic for choosing appropriate outfits in **Python** using indico's **Image recognition API**
- Won **best use of DragonBoard** and **best use of Weather Network API**

PasswordProtectionProgram – Designer and Developer

Oct 2017

- Password manager written in **Python** using Tkinter, cryptography library and **SQLite**
- Used modular programming and encapsulation

NutriUs – Designer and Developer

Apr 2017

- Web application written in **Java** to help college students cook
- Used **depth-first search algorithm** to search through recipe database created using a **Python web scraper**