

SUHAVI SANDHU

sandhs11@mcmaster.ca • Toronto, Ontario • 647-909-3281 • <https://gucci-ninja.github.io/>

HIGHLIGHTS OF QUALIFICATIONS

- Enrolled in 3rd year of **Software Engineering** program at McMaster University
- Excellent **communication** and **teamwork skills** developed as a Q/A analyst for start-up
- Proficient in **Java**, **Python** and **HTML/CSS** through side projects and hackathons
- Strong **leadership skills** established as a teacher at UCMAS Inpace Academy

EDUCATION

Bachelor of Engineering, Software (Co-op)

Expected graduation April 2019

McMaster University, Hamilton, ON

- Awarded McMaster Entrance Scholarship and made Deans' Honor List
- Active member of Women in Engineering and QuizBowl
- Current GPA: **3.7**

Relevant Courses

- | | |
|--------------------------------|------------------------|
| • Databases | • Linear Optimization |
| • Data Structures & Algorithms | • Software Design |
| • Concurrent System Design | • Discrete Mathematics |

WORK EXPERIENCE

Q/A Analyst

May-June 2017

Technitask, Scarborough, Ontario

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

PROJECTS

NutriUs

April 2017

- Web application written in **Java** to help college students cook quick and healthy meals
- Used **depth-first search algorithm** to efficiently search through recipe database

Delta Hacks - Pillsberry

January 2017

- **Android app** that allows doctors to communicate with patients
- Attempted to make a version for the **Amazon Echo**
- Later asked to develop the application for a doctor in Hamilton

HackWithIX

December 2016

- **Hackathon** in which we learned how to use **Google Maps API** to create an app that lets you review public washrooms

Suffix Sorter

November 2016

- Program written in **assembly** and **BASH** that takes input and sorts it lexicographically

Cheese Tunnel

2012

- **PC game** written in **Java** in which user plays as a mouse solving a maze-like puzzle

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SKILLS

Programming

- Fully proficient in **Java** and **Python**
- Regularly use JavaScript, HTML5, and CSS3 for web development
- Experience using React.js, Node.js, and Bootstrap for hackathons
- Learning: **SQL**, **C++**

Software

- **MS Office** and **Adobe Creative Suite** for graphic design/videos
- Regularly use **Linux Ubuntu, Windows, Unix**
- **Git**, Latex, Doxygen

Languages

- **French** (fluent)

REFERENCES AVAILABLE UPON REQUEST