

Rushil Joshi

COMPUTER ENGINEERING STUDENT · SOFTWARE ENGINEERING CONCENTRATION

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Education

Ryerson University

Toronto, Canada

B. ENG IN COMPUTER ENGINEERING WITH A SOFTWARE ENGINEERING SPECIALIZATION

September 2018 - May 2022

- Relevant Coursework- Data Structures and Algorithms, Database Systems, Software Design Patterns
- Winter 2021 Courses- Advanced Algorithms, Operating Systems, Software Design and Architecture, Software Requirement Analysis and SPEC

Skills

Languages | Java, C, HTML/CSS, Python, Dart, VHDL, JavaScript

Technologies | Flutter, Git, Android Studio, FireBase, Bootstrap, React

Projects

The 13 Virtues - Android App

Toronto, Canada

FLUTTER, ANDROID STUDIO, DART, FIREBASE

September 2020

- Devised a user-friendly app that helps people with self development using Benjamin Franklin's lessons
- Utilized **FireBase** for the backend, **Flutter** for the design and coded using Dart
- Implemented the **Reddit** and **YouTube API** to show posts for self improvement

Personal Website

Toronto, Canada

HTML/CSS, JAVASCRIPT, REACT

September 2020

- Created a responsive Portfolio Website to showcase my projects, resume and information about myself
- Incorporated React to create a beautiful UI and hosted the website using **Github-Pages**
- Utilized **Travis CI** to automate the deployment of the personal website anytime changes are made

Work Experience

City of Vaughan: Environmental Services

Vaughan, Canada

ENVIRONMENTAL ENGINEERING INTERN

May 2019 - August 2019

- Conceptualized and created a business case to develop an in-house MS Access database **saving \$5000 per year**
- Independently learned ArcGIS to determine the best CCTV routes in sewer lines, **saving \$1000** on the project
- Reviewed the flushing data from contractors to check for chemical residual levels for safety and billing purposes

Canada's Wonderland

Vaughan, Canada

FOOD SERVICE ASSOCIATE

June 2018 - August 2019

- Reduced the food preparation time **by 3 minutes** after creating an instructional manual on the wall for new associates
- Increased the employee **satisfaction rate by 10%** after recommending more cashiers and shift rotations
- Resolved customer issues leading to increased customer satisfaction and garnering praise from the supervisor

Extracurricular Activity

Ryerson Electrical and Computer Engineering Student Society

Toronto, Canada

VICE PRESIDENT OF FINANCE

May 2019 - April 2020

- **Elected by 100+** students in the ECE Department to be the VP Finance for the 2019-2020 year
- Reorganized the clubs budget **saving \$100** by allocating funds to our most essential events
- Managed a **\$2000 budget** and hosted educational workshops and course tutorials for 200+ ECE students

Ryerson Engineering Student Society

Toronto, Canada

ELECTRICAL ENGINEERING DIRECTOR

May 2019 - November 2019

- Spearheaded Ryerson Engineering's first ever Python bootcamp by **attracting 40+ students** over the summer
- Successfully hosted 5 course tutorials for midterm and final exams which **helped over 100 students** with their studies
- Maintained a **90% retention rate** by designing curriculum, which led to a thorough understanding of the material by students

Interests

Reading Fiction (Currently: Oathbringer by Brandon Sanderson), Exercise (Weighlifting and running), Personal Finance (Love to learn about money management and investing strategies), Toronto Raptors, Electric Cars and Traveling (Dream destinations are Japan, Switzerland and Australia)