Rushaan Shah

Computer Engineering Student

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EDUCATION

Bachelor of Applied Sciences, Computer Engineering (COOP)
University of Waterloo

09/2021 - Present

Courses & Scholarships

- Awarded the **Engineering International Student Scholarship** worth **$10000.**
- Awarded the **President's Scholarship** worth **$2000** for admissions average 95%+.
- Linear Algebra, Calculus I & II, Introduction to Programming, Linear Circuits, Discrete Mathematics & Logic.

WORK EXPERIENCE

AI/ML/NLP Data Scientist Intern
Genellipse Inc.

01/2022 - 04/2022   *Toronto,Canada*

Achievements/Tasks

- Assisted in backend development automating the process of S3 buckets for **Resolution Life US**. The program enables employees to automatically delete older files on their S3 buckets in AWS. Using **Python** modules , **JSON** and a **MySQL Database**, the code looked through the database for when the file was accessed.
- Formulated new method to schedule RDS Instances start/stop using tools like **Amazon Eventbridge rule** and **Python Lambda Function** in AWS.
- Collaborated with team of interns daily to develop, integrate and test end-to-end software. Work on expanding and preparing program for production.
- Participated in daily video calls with Resolution Life US team members. Performed live demo of code and gave workshop for AWS CDK for Resolution Life executives.

Technological Consulting Intern
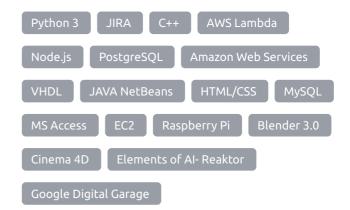Deloitte

06/2020 - 09/2020   *New Delhi, India*

Achievements/Tasks

- Conducting analysis on a specific project, summarising findings and finding a solution.
- Learnt methods to develop **online system** for used experience like banking.
- Worked with fundamentals of **Cloud Computing** while learning about its merits and demerits.

SKILLS

Python 3   JIRA   C++   AWS Lambda

Node.js   PostgreSQL   Amazon Web Services

VHDL   JAVA NetBeans   HTML/CSS   MySQL

MS Access   EC2   Raspberry Pi   Blender 3.0

Cinema 4D   Elements of AI- Reaktor

Google Digital Garage

PROJECTS

Security Drones (05/2020 - 09/2020)
- Successfully completed making and designing drone with security cameras installed by using **Raspberry Pi** and **Python.**
- Combined hardware components such as LiPOS, motors, GPS systems and ESCs with Python modules like **pymavlink**, **socket**, **argparse** etc.
- Used **Blender 3.0** to create a **3D model** of the drone and render its hardware parts.

High School Database (11/2020 - 04/2021)
- Made the boarding high school database for roll no, student name of student for entry into school records by implementing **MySQL** and **MS Access** as part of school project.
- Used Roll No. as **Primary Key** in MS Access databases along with **MySQL** to create DB.

AWARDS & ACHIEVEMENTS

Scholarly International Collegiate Quiz
*Won **1st Place** for the International Collegiate Quiz comprising of subjects such as Maths, Computer Science, History and General Knowledge, won $5000.*

Scholar's Blazer
*Awarded a special **black blazer** in high school for all-round performance in academics, sports and extracurredulurs.*

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

French
Elementary Proficiency