

Mohamed Numan

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Education

Bachelor of Science - Software Engineering

(University of Calgary | Sept 2019 - Present)

- **CGPA: 3.670** (Completed notable courses including: Software Architecture, Data Base Management Systems, Embedded Systems, Digital circuits, Software Design)
- Recognized on the **Dean's Honors List** in the academic year 2020-2021.

Qualifications and Skills

Software: Java, C++, C, Python, HTML, CSS, Java Script, SQL, React, Flask.

Certification: 92.2% Grade 12 overall (2019); 9.8 CGPA grade 10 (2017)

Skills:

- **Strategic Planning** – Planned and coordinated major projects simultaneously.
- **Time management & Organization** – contributed with project support while handling multiple deadline-driven tasks.
- **Project Management** – Experience in assembling teams and managing back-to-back Hackathons.

Work Experience

Silver King Shipping LLC (Junior Software Intern)

(Dubai, UAE | July 2020 – October 2020)

- Collaborated in an IT team to successfully create a company website with the following software's: HTML, CSS, Java Script.
- Created a database with SQL using Java to keep a track of **10000+** incoming and outgoing shipments, implemented a GUI to contribute to a positive user interface.
- Assisted in the setup of the database and software on company devices and trained new employees on how to access and manipulate the database.

Projects

ResearchGram (US – Canada Hackathon)

(University of Calgary | July 2021)

- Coordinated with team members to successfully complete the project, secured **1st place** with a prize money of **3000\$** in the **Hip Hack Array' Hackathon**.
- Developed an interactive website for ResearchGram using HTML, CSS, JavaScript. Back-End programming used Machine Learning, Python and Django.
- Hack focuses on easing hardships of student researchers, ResearchGram accepts inputs of the following formats: Audio, PDF, MP4, Keywords and then uses a semantic analysis approach to provide relevant research papers with percentage of similarities.

SWEseek – Job Searching and Tracking (Software Project)

(University of Calgary | September 2021)

- Developed the platform using React, MySQL, Flask and Python.
- App provides users the ability to apply for jobs, track their application, explore salaries of current employees, and learn how to succeed in challenging technical interviews.
- Created the MySQL database and collaborated in creating the API using Flask.
- Wrote and optimized SQL queries to increase database performance by **60%**

UCalgary Supply Chain Management (Software Project)

(University of Calgary | April 2021)

- Created an application in **7 days** to calculate the cheapest combination of available inventory items that can be used to fill a specific order.
- Utilizes a MySQL database to extract data pertaining to available and reusable parts, then creates the user requested objects.
- Coordinated the database handling sector of the project that included manipulation, extraction, and addition of the MySQL database.

Zoo-Hackathon Parking Simulator (*Hackathon*)

(University of Calgary | September 2020)

- Created the application using Python, Simulator randomly parks/unparks cars in a parking lot and updates the total number of customers as well as the net revenue instantly.
- Implemented a GUI to depict the parking animation.
- Hackathon had a time constraint and was successfully completed in **3 days**.

Volunteer and Leadership Experience

- **Engineering Students' Society Commissioner (University of Calgary)** (July 2021 – Present)
Artistic Commissioner of ESS, work involves handling all deliverables going outside ESS.
- **Schulich School of Engineering Leadership program** (Sept 2021 – Present)
Developing professional skills including leadership and teamwork through teambuilding exercises delivered by professionals.
- **Calgary OutLink: Centre for Gender and Sexual Diversity** (March 2021)
Worked on increasing interaction for the centre through social media promotions using posters and banners.
- **StepForward Student Volunteer (University of Calgary)** (Sept 2019 – April 2020)
Volunteered at heritage park.
- **Mosaic Student Volunteer (University of Calgary)** (Sept 2019 – April 2020)
Volunteered at Salvation army Canada and Feed the hungry Canada