

Peter Moawad

306-450-6495 | peter.moawad19@gmail.com | petermoawad.ca

EDUCATION

University Of Saskatchewan

Bachelor of Science in Engineering – Computer Engineering

Saskatoon, SK

Sep. 2022 – Apr 2026

PROJECTS

Electric Longboard

July 2024 – Aug 2024

- Worked with a design team consisting of 3 other engineering students to motorize a longboard
- Set goals of having longboard reach a top speed of 20 km/h while carrying 100 kg and for the longboard to last at least 1 hour before needing to be charged
- Used various calculations to select motor and battery that would achieve our goals
- Worked on ESC to receive remotes signal and adjust the motor accordingly
- Built 2 prototypes for different wiring and battery arrangements

Personal Portfolio Website | *HTML, CSS, JavaScript* | petermoawad.ca

June 2024 – July 2024

- Designed and Implemented a Responsive About Page
- Integrated Interactive Elements and Functional Buttons
- Linked buttons to both my linkedin page and to a downloadable PDF
- Applied Advanced Styling and Visual Effects
- Designed website to adjust to different screen sizes (mobile screens)

Residence Manager | *Java*

Feb 2024 – March 2024

- Built a Graphical Residence Database using Java
- Used various libraries in Java including Swing for the Graphical User Interface (GUI)
- Implemented object-oriented programming
- Designed a menu consisting of 9 different menu options including adding/removing residents and many others
- Database tracks current residents' information and turnover of residents

Related Course Work

- Introduction to C Programming
- Object Oriented Programming Used various libraries in Java including Swing for the Graphical User Interface (GUI)
- Implemented Object-Oriented Programming Java
- Data Structures and Algorithms
- Digital Electronics
- Java Programming
- Introduction to Python

EXPERIENCE

Team Lead

July 2023 – Jan 2024

Part Source

Saskatoon, SK

- Solving customer complaints and answering customer questions
- Work together with colleagues from other departments to improve efficiency and overall service delivery
- Maintaining inventory and filling out paperwork

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Quartis

Libraries: Java Swing, NumPy, Matplotlib