

Connor MacLeod

Charlottetown, PE | (902) 388-0125 | cwmacleod@upei.ca

Objective

- Seeking an engineering position that will incorporate my undergraduate engineering coursework as well as my experience working with clients
- A dedicated and detail-oriented engineering student who thrives in a fast-paced environment that will work towards ensuring the growth and success of the company

Education

UNIVERSITY | 2015-2020 | UNIVERSITY OF PRINCE EDWARD ISLAND

- Major: Mechatronics Engineering (3rd Year)
- Courses: Engineering Design, Programming, Engineering Sciences and Mathematics
- Related coursework: Design Expo, Client Presentations, Designing Arduino Systems and Modelling using Solidworks
- Extra-Curricular: Participated on the Mudmen senior rugby team

HIGH SCHOOL | 2015 | CHARLOTTETOWN RURAL

- Core Courses: Sciences, Calculus and English
- Electives: Advanced Drafting (CAD), Multimedia Design and French
- Extra-Curricular: Participated in Track, Cross-Country, Rugby and Soccer
- Achievements: Prize for highest mark in school for multimedia design and Honors Grade 12 Year

Skills & Abilities

TIME MANAGEMENT

- Completed design solutions in a target time frame for Engineering Expo
- Met weekly deadlines and gave written reports of progress to the client and professional engineers
- Designed a work breakdown structure followed by my team to facilitate the assembly of a lobster detection system

COMMUNICATION

- Collaborated with Parks Canada to design a solution for beavers damming up culverts. Provided opinions and ideas to contribute to the build process of a beaver cone prototype which led to the development of the final product
- The primary source of communication between the client when issues arose and meticulously broke down alternate solutions to the problems presented

LEADERSHIP

- Managed a team of students in researching, designing and building a silt filtering system
- Lead students in the design of a human detection system using ultrasound sensors
- Assigned workload components and jobs to each group member according to their skills and abilities as team manager

Achievements

SMARTCATCH SYSTEMS | CHARLOTTETOWN, PEI | SENIOR DESIGN CLINIC | SEPTEMBER 2018 TO APRIL 2019

- Designed a lobster detection system that incorporated sensors to notify fishers when traps were full saving money and time

MIKINDURI CHILDREN OF HOPE | CORNWALL, PEI | JUNIOR DESIGN CLINIC | JANUARY TO APRIL 2017

- Designed a functioning silt filtering prototype that provides clean water and is currently being constructed for use of a community in Mikinduri, Kenya

PARKS CANADA | GREENWICH, PEI | COMMUNITY DESIGN PROGRAM | JANUARY TO APRIL 2015

- Designed a beaver cone prototype while working with an industry client to protect coverts from being dammed up by beavers with debris

Experience

MAINTENANCE | THE MOUNT | SUMMER 2017-2018

- Worked on landscaping, cutting grass, indoor housekeeping and assisting residents

CUSTOMER SERVICE | HOME DEPOT | SUMMER 2016- 2017

- Worked in various departments such as front cash, garden center and general maintainence

FRONT DESK | QUEEN ELIZABETH HOSPITAL | SUMMER 2015

- Volunteered at the Queen Elizabeth Hospital Information Desk directing visitors, transferring patients to different departments, and answering incoming calls

CUSTOMER SERVICE | HOME HARDWARE, STRATFORD | SUMMER 2014- FALL 2015

- Worked in various departments such as front cash, garden center, receiving, equipment rental, and automotive

References

Lena Burke | Multi-Service Supervisor, the Mount | (902) 370-8888 ext. 482

Mike Conner | Manager of Home Depot, Charlottetown | (902) 626-3140

George Birt | Former Manager of Home Hardware, Stratford | (902) 213-3374

Tom Hamilton| Family Friend | (902) 393-5537