**Matthew** Cloutier

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**Summary**

Electrical and Computer Engineering student with skills in problem solving, leadership, and communication. Searching for experience in a field related to Electrical and Computer Engineering.

**Experience**

SignalFire Wireless Telemetry – Engineering Intern (May 2024 – August 2024)

* **Developed and integrated a web server using Mongoose WS to interact with a radio communications device to eliminate locally interacting with the device.**
* **Assisted in the creation of a new variant of a cellular communications device.**
* **Utilized Microsoft Visual Studio to add new environments to an existing tool to locally interact with devices.**

Landry’s Bicycles – Sales Associate (March 2021 – August 2024)

* Trained in hospitality through a program developed by Dan Mann of the Mann Group.
* Responsible for guiding customers to the product that best suited their needs. Each customer and situation were different and required a unique solution.
* Developed communication and people skills that brought me to be a top salesperson in 2023.
* Sold $130,000 of products from May 2023 to August 2023.

Job Shadow – Orchid Technologies Engineering and Consulting (February 2022 - March 2022)

* Shadowed electrical engineers.
* Learned the process of creating circuit boards.
* Joined business meetings in which companies discussed pricing, timing, and logistics.

**Education**

Worcester Polytechnic Institute (August 2022 – Ongoing) – Major: Electrical and Computer Engineering

* Applicable Courses:
  + Introduction to Electrical and Computer Engineering – Basic circuits
  + Introduction to Digital Circuit Design – Verilog, FPGAs
  + Embedded Computing in Engineering Design
  + Electromagnetic Fields – Transmission Lines
  + Electrical Engineering with Sensors, Circuits, and Systems
  + Systems Programming – Coding in C
* Clubs and Organizations
  + WPI Cycling Club
    - President and Gear Manager
  + Alpha Chi Rho Fraternity
    - Treasurer’s Assistant
* Current GPA of 3.57 – Deans List for Two Semesters

**Skills**

Verilog Leadership Hospitality

MATLAB C / Java Collaboration