SETU POTNIS

Nanotechnology Engineering Student

GET IN TOUCH

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SKILLS

- Able to work in a **team to solve problems**
- Oral and written communication skills
- Fluent in both **English**, and **French**

Working knowledge in :
- **Python**, C
- **JavaScript**, HTML, CSS
- R, **MatLab**
- **Git**
- **Microsoft** Suite

- Social Media Marketing
  2 instagram niche accounts
  @cs.software_
  @5am_morningclub

Through relevant coursework, I have:
- Recorded projects on GitHub through **Git** on Mac terminal

- Employed **regression models** in **MatLab** to find line of best fit through an arbitrary amount of data points

- Practical circuit experience with **breadboards, inductors,** and **capacitors** in order to make RL and RC circuits

- Experience with an **Oscilloscope** through labs in order to measure **square, sinusoidal,** and **triangular waveforms**

WORK HISTORY

Software Developer Intern

Mirrabel Inc | (May 2019- August 2019)

- Worked directly with the CTO to determine which features should be developed to **promote clarity** between the employee and the employer
- Established a Shopify application for the company to permit existing cosmetic e-stores to acquire **90% better targeted sales** and **data** through direct marketing
- Automated **e-mail marketing** to grant quicker access to cosmetic partnerships through **python**

PROJECTS

Instagram Niche Account

- Set up software account, **@cs.software_**, to share my ideas about software and to inform people about its potential
- Produced **daily posts** through **graphic design software** to explain software **design concepts** to followers
- Initiated a niche instagram engagement group to **boost impressions by 130%** to a diversity of audiences

Smart Mirror (ongoing)

- Constructing a smart mirror **mobile application** with **Flutter** and a **Raspberry Pi** using open APIs, such as Spotify and Amazon Alexa, to create a more **personalized home atmosphere**
- Wiring the Raspberry Pi with a LCD display and a **microphone** through prior course knowledge in order for **voice commands** to be **accessible** and **used**

React Recipes

- Designed a **react.js application** which can call for recipes from an **API** in order to learn more about **different cuisines** as well as learn more about the **React library**

Python Automation

- Create **python** scripts to **automate** actions on social media and real estate websites in order to **optimize time** and resources spent to **reach** and **gain followers**
- Automating process **overcame new issues**, such as popups and bot detection software through manual override options

ACADEMIC BACKGROUND

University of Waterloo (Expected, Class of 2023)

Bachelor's of Applied Science | Nanotechnology Engineering

- **Multi-disciplinary engineering field**, which draws from and benefits areas such as programming, materials science, physics, and chemistry
- Knowledge in **Data Structures and Algorithms**, **Computational Methods**, and Fabrication
- President's Scholarship (2018)