

SETU POTNIS

Nanotechnology Engineering Student

GET IN TOUCH

Cell: 647-408-3032

E-mail: spotnis@uwaterloo.ca

[/setupotnis](#)

[/setu-potnis](#)

www.setupotnis.netlify.com



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

- Course knowledge in Data Structures and Algorithms, Computational Methods, and Fabrication