

SETU POTNIS

Engineering Undergraduate

SKILLS

Working knowledge in :

- Python, C, Node.js, Ruby, R, MatLab
- JavaScript, HTML, CSS
- SolidWorks
- Git
- Microsoft Suite

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

- Social Media Marketing
Instagram Outreach Blog:
@cs.software_
167 followers

RELEVANT COURSEWORK

- Data Structures and Algorithms, Computational Methods, and Fabrication
- Employed regression models in MatLab to through an arbitrary amount of data points

HARDWARE

- Circuit experience with breadboards, inductors, and capacitors for RL and RC circuits
- Experience with an oscilloscope through labs in order to measure square, sinusoidal, and triangular waveforms

GET IN TOUCH

647-408-3032

spotnis@uwaterloo.ca

/setupotnis

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www.setupotnis.netlify.com



WORK HISTORY

Software Developer Intern

Mirrabel Inc | May 2019- August 2019 | Toronto

- Diligently worked with the CTO to manage the backend of the website and reduce bugs by **40%**

- Produced a Shopify application by designing the user interface with

React and **Redux**

- Integrated Shopify **API** to permit existing e-commerce cosmetic stores to acquire **90%** better-targeted sales and data through direct marketing
- Automated email marketing in **Python** to grant quicker access to cosmetic partnerships

PROJECTS

Smart Mirror

(September 2019 - Present)

- Constructing a smart mirror mobile application with Flutter and a Raspberry Pi used to create a more personalized home atmosphere
- Enhancing smart mirror experience by using open source software such as Spotify and Amazon Alexa Open APIs
- Wiring the Raspberry Pi with a LCD display and a microphone in order for voice commands to be accessible

Community Outreach Blog

July 2019 - Present | Instagram

- Set up **@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 wide range of audiences

React Recipes

July 2019 | Waterloo

- Designed a react.js application to call for recipes from an API in order to further personal knowledge of React and learn more about different cuisines

Python Automation

July 2019 | Brampton

- Created python scripts to automate actions on social media and real estate websites
- Optimized time and resources spent to reach and gain followers
- Automating process overcame browser detection issues, such as popups and bot detection software to increase optimization speed by 30%

EDUCATION

Candidate for Bachelor of Applied Science | Nanotechnology Engineering

University of Waterloo (Class of 2023)