Ethan Crann

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Github: **https://github.com/TheCrypticCanadian**

EXPERIENCE

Day & Ross, Hartland NB — *It Support Tech*

May 2018 - August 2018 and May 2019 - August 2019

- Helped with troubleshooting, software installation, and imaging.
- Managed ticketing system for software issues.
- Created excel macros for document generation.

EDUCATION

Memorial University of Newfoundland

September 2017 - PRESENT

I am currently attending Memorial University for a Bachelor of Science with a major in computer science and a minor in math. I was awarded Dean's List in my first year.

PROJECTS

Stonks Bot (Personal) – Github Repo – Spring 2020

Stonks bot is a Discord bot written in python which graphs financial information to view in discord. It utilizes the Alpha Vantage API in order to get financial information, and plots it utilizing a modified library based off of matplotlib.

Marvin (Personal) – Github Repo – Fall 2019

Marvin is the first Discord bot I wrote, written in javascript using Node. I used the Dark Sky API, the NCBI API, and the google sheets API to allow for many different actions. These include getting the weather, searching for academic papers, as well as returning CS society information on sales data for society events.

School Projects (Academic) – LINK – Fall 2019

These have been done throughout my program. For machine learning I've included a connect 4 bot, a demonstration of various search algorithms, and an implementation of a Q-learning algorithm to determine the shortest paths to different goals. For visual computing I've included programs implementing thresholding, smooth filtering, and hough transforms on images.

SKILLS

Python (Matplotlib, Numpy)

Javascript (Node.js, D3)

Java

Git

Linux/Windows

SQLite

VOLUNTEERING

MUN CS Society
Events Coordinator:
I coordinate and manage events such as mixers, game nights, and various workshops for the society.

REFERENCES

Shannon Sullivan
Lecturer
Memorial University
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Carolyn Wanamaker
IS Planning Manager
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