Jayden Nikifork

SOFTWARE ENGINEER

Details

Richmond Hill
Canada
(613)-797-5185
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Links

E-Portfolio Link

Skills

Python
C
C++
Java
HTML & CSS
JavaScript
SQL
Flask
Racket Lang
Git

Profile

Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Employment History

Coding Camp Counselor, Code Ninjas, Richmond Hill

JUNE 2021 — AUGUST 2021

- Led various programming camps such as CAD design, game design with Scratch and Roblox, and Minecraft modification development.
- Developed and modified preexisting lesson plans according to the capabilities and engagement of camp members.
- Worked together with other counselors to establish an exciting and safe learning environment.

Education

General Engineering, McMaster University, Hamilton

SEPTEMBER 2021 — PRESENT

- Currently studying general engineering with hopes to specialize in software engineering come second year
- GPA: 3.9/4.0
- Skills Learned: Python, CAD Modeling, Materials Science

CS50x, Harvard University, Virtual

OCTOBER 2021 — DECEMBER 2021

- Free asynchronous computer science course.
- Completed: 10 labs, 10 problem sets, and 1 final project
- Skills Learned: C, Python, Javascript, HTML, and CSS

Projects

QLearn

QLearn is a web-based homework assigning platform. Teachers are able to post problem sets for students who are enrolled in their classroom, and are then able to see the students' responses.

Developed using: Python, Flask, Jinja2, MySQL, HTML, and CSS

Money Printer

Money Printer is a console based, mock cryptocurrency trading bot. The receives minutely data for various coins from the Kraken trading platform's API, and then uses trading indicators to determine opportune buy and sell timings.

Developed using: Python and Kraken API

Filter

Filter is a console based application which can apply various imaging filters to a PNG. Upon running the program, the users inputs the image's filename and the filter to be applied. The application then runs the necessary algorithms to apply the filter to the image, and writes to a new PNG.

Developed using: C