AIDAN LYNCH

📞(281)-665-9846 ✉ aidantlynch00@gmail.com ⭘ github.com/aidantlynch00 in linkedin.com/in/aidan-lynch-935317194/

Seeking a co-op/internship for the summer of 2020.

EDUCATION

Rochester Institute of Technology — B.S. in Computer Science | Rochester, NY   *Exp Graduation: Spring 2023*

SKILLS

Programming:	Java ● Python ● C++ ● C# ● HTML
Tools & Frameworks:	Git/Github ● MySQL ● Visual Studio ● IntelliJ ● PyCharm ● Unity

PROJECTS

Amazon Price Tracker: *Python, MySQL, Visual Studio Code*   *August 2019 - Present*
- Developed graphical program that graphs the price of products on Amazon.
- Utilizing MySQL databases to store data scraped from Amazon product pages.
- Researched web scraping to efficiently pull data from a web page's HTML code.

Security Camera: *Python, Git, Visual Studio Code*   *July 2019 - Present*
- Designed security camera to detect motion with computer vision algorithms.
- Optimized image processing functions to run calculations and minimize performance loss on small processors.
- Made from Raspberry Pi Zero and Raspberry Pi Camera Module.

Calendar: *Java, IntelliJ*   *February 2018 - July 2019*
- Designed graphical calendar application that allowed user to input events and sort them by various categories.
- Earlier versions allowed for socket connection to server to store events.
- Implemented built-in Java GUI elements.

Drone: *C++, Git, Visual Studio*   *September 2018 - May 2019*
- Constructed a drone and wrote the supporting software from scratch.
- Executed on Raspberry Pi with input from radio controller.
- Researched motor controlling using electronic speed controllers and reading and writing data registers using I2C.

RIT Imagine Project: *C#, Unity, Git*   *August 2019 - Present*
- Assisting in designing minigame for overall Imagine project.
- Using C# and Unity
- Researching UML diagrams to effectively present project structure.

ACTIVITIES

Computer Science House, *Introductory Member*   *August 2019 - Present*
A special interest community at Rochester Institute of Technology based on academic and social excellence. With a strong focus on collaboration and projects, Computer Science House helps members become better developers and better people.

RIT Rocket League eSport Team, *Member*   *August 2019 - Present*
Players dedicate at least 8 hours weekly to meet team requirements. Compete at the collegiate level in tournaments in north-eastern district.

FIRST Robotics, *Programmer*   *August 2015 - May 2018*
High school robotics program that involves building and programming a robot to accomplish a set of tasks. The programming team was responsible for building the necessary software to operate the robot on the field. The software was written using Java and made heavy use of the Object Oriented programming style.