Ryan Murphy
(443) 878-5147
RnMurphy47@gmail.com

SUMMARY

Highly motivated, programmer with a strong foundation in programming principles, data structures, algorithms, and object-oriented programming. Possess strong problem-solving and analytical skills. Seeking an entry-level position/internship to apply and showcase my skills in a professional environment.

SKILLS

- Proficiency in Python with experience using libraries and frameworks such as Django, OpenCV, Pandas, BeautifulSoup, Selenium, Flask, JustPy, Tkinter, YOLOv5, PyAutoGUI, easyOCR, Pillow, and more.
- Knowledge of Git and GitHub.
- Knowledge of web development using Bootstrap, HTML, and CSS
- Strong oral and written communication skills.

PROJECTS

Foxhole-Auto-Dig https://github.com/RyanMurphy4/Foxhole-Auto-Dig
- Developed a Python program to automate the process of building in a game.
- Collected and annotated data that was used to train a custom YOLOv5 model to predict an object's location on screen.
- Utilized OpenCV for computer vision and used/created other classes/methods to navigate to objects and simulate keystrokes.

Foxhole-Queue-Manager https://github.com/RyanMurphy4/queue_manager
- Developed a Python program that monitors and sends keystrokes to an application once a certain phrase appears on screen, even when minimized, by utilizing the pywin32, easyOCR, and OpenCV libraries.

EDUCATION

Community College of Baltimore County, Baltimore, Maryland
Associates of Science in Computer Science May, 2022

EXPERIENCE

The Trolley Stop 2014-present
- Provided exceptional customer service in a fast-paced, high-stress environment.
- Developed greater multitasking abilities by managing multiple tables and tasks simultaneously.
- Comfortable working under pressure and handling situations while adapting to changing circumstances.
- Ability to work as a team by supporting coworkers during rushes.

CERTIFICATIONS

- Python and Flask Bootcamp: Create Websites using Flask!: Udemy 2022
- 100 Days of Code: The Complete Python Pro Bootcamp for 2023: Udemy 2022
- Advanced Python Programming: Build 10 OOP Applications: Udemy 2023