

Ryan Murphy  
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## **SUMMARY**

Highly motivated, Python 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/DeontayPeterson/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.

*Storm-Cannon-Notification* <https://github.com/DeontayPeterson/Storm-Cannon-Notification>

- Created a Discord bot in Python that notifies users when a particular structure is built.
- Used Python's Requests library and Foxhole's API to obtain JSON data containing information about in-game structures.

*Foxhole-Queue-Manager* [https://github.com/DeontayPeterson/queue\\_manager](https://github.com/DeontayPeterson/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.
- \_\_Excellent. communication skills from interacting with customers and coworkers.
- \_\_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