

Joseph M. Malatesta

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Career Focus: Software Engineering Internship

Motivated and diligent computer science student versed in multiple programming languages, technology, and networks, with a focus on program enhancement and documentation. Work well with teams and easily adaptable, excelling in effective communication, organization, and critical thinking.

Education

Bachelor of Science, Computer Science
Oakland University, Rochester Hills, MI

Expected Graduation: April 2024
GPA: 3.48 || Major GPA: 3.70

Personal Projects

osu! Discord Bot (github.com/joemmalatesta/yvy-discord-bot)

- Developed and maintained robust asynchronous Python code that requests, accepts, stores, and returns game data using multiple APIs, Python, and MongoDB databases.
- Refactored code multiple times to increase execution speeds by over 200% and increase user experience.
- Consistent uptime is guaranteed by locally hosting on raspberry pi and personal text alerts about downtime.

[Personal Website](https://joemmalatesta.com) (Joemmalatesta.com)

- Develop and maintain my personal website utilizing HTML, CSS, PHP, MySQL, and Bootstrap.
- A static version of my website is hosted on GitHub pages to ensure consistent availability.

Technical Skills

Programming Languages: Python, Java, HTML, CSS, NoSQL, MySQL, JavaScript, PHP, C

Software Tools: Github, Google Cloud Servers, Slack, VMWare, REST API / OAuth2.0, Remote desktop protocol

Software Applications: Visual Studio Code, Netbeans, PyCharm, Google Suite, Microsoft Office, Photoshop

Operating Systems: Windows 10, Linux (Ubuntu/Raspbian), Unix

Experience

Software Engineer Intern

Alps Alpine

Oct 2022 - Current

- Develop front end interfaces for interacting with Bluetooth Low Energy devices in Swift and React Native.
- Collect, store, and process acceleration data for motion detection using python.

Computer Science Instructor

Oakland University outreach:

Apr 2022 - Aug 2022

- Created and taught computer science modules for over 200 students in grades K-12 in programming languages Python, Java, HTML, CSS, and Scratch.
- Simplified concepts to adequately explain complex concepts to complete beginners.

Online Sneaker Reseller

Self-Employed:

Aug 2018 - Jun 2020

- Utilized intricate botting software to buy coveted and highly contested sneakers.
- Learned to use proxies, VPNs, and Google Cloud Servers to beat out competitors
- Marketed business to clients and gained a reputation for quick and professional service.

Activities & Achievements

- Oakland University scholarship recipient for academic excellence
- Created and ran the Psychology Club for Rochester High School