

Omer Hyajneh

386 Aylesbury Drive, Westerville, OH, 43082 • Hyajneh.1@osu.edu • (614)500-0518

EDUCATION

The Ohio State University, Columbus, OH

Aug 2019 - Present

Bachelor of Science – Computer Science and Engineering (Expected Autumn 2023)

Focus, Software Engineering

Work Experience

The Ohio State University, Columbus, OH

May 2022 – Present

Office of Technology & Digital Innovation, Digital Flagship – Student Assistant.

- Contribution to the creation of a Swift Development course available to college students across other colleges.
- Creation of media through Adobe Creative Cloud software (Photoshop, Illustrator, Premiere Pro).
- Mentor fellow Student Assistants who recently joined the team by assisting with software setup and answer questions regarding learning Swift.
- Conduct 1-on-1 meetings with students of the course to help reach a further understanding of coding concepts and practices.
- Use GitHub to put out interactive Playground files for students to complete within the Swift course.

PROJECTS

Maps with Hashing

February 2022

- Created a java program that would make a Map utilizing hash code algorithms to store many different types of data which can be efficiently and quickly retrieved.
- Familiarity with writing a kernel class for a new type and its kernel operations (Map layered on an array of Maps, using hashing).
- Familiarity with developing and using specification-based test plans.

RSS Aggregator

September 2021

- Created a java program that prompts the user for an XML file input containing a list of RSS v2.0 feeds and for a name of a desired output html file for which to generate a main page containing a list of hyperlinks to several news feeds, which will lead to a list of news posts upon opening.
- Familiarity with using XML trees to process XML
- Familiarity with using while loops and static methods
- Exposure to RSS technology

Natural Number Calculator

December 2021

- Created a java program that uses recursion to compute arithmetic operations by input controlled by GUI made through a Model-View-Controller design pattern with Swing framework.
- Exposure to using the Swing framework and components with the model-view-controller design pattern to develop a Java application with a graphical user interface.

StockChecker (WebScraper)

May 2022

- Created a python program that takes a valid URL and checks the stock status of a certain item in an online shop. Writes logs of each check to a text file.

TECHNICAL

Programming: Java, C, Python, MATLAB, JavaScript, HTML, CSS, Swift

SKILLS

Program Management and Tools: Eclipse, PyCharm, IntelliJ, SolidWorks, Microsoft Office Suite, GitHub, Adobe Illustrator, Adobe Photoshop, Adobe Premiere Pro