Zachary Forkash

LinkedIn: https://www.linkedin.com/in/zachary-forkash-79553724b/
Github: https://github.com/zfadeout
Email: zforkash@optonline.net

EDUCATION

New York City College of Technology   **New York, NY**
Bachelor of Arts, Computer Systems.   Expected December 2024
Introduction to Python, **Introduction to JavaScript, Introduction to C++, Automated Python**
Honors: National Society of Leadership and Success (NCLS)
Midwood High School Graduated June 2020

PROJECTS

Dynamic Database-Driven Website: Use of HTML, CSS, JS, Flask, MySQL (Completed December 2nd 2023)
- Incorporating the use of dynamic data with the use of templates.
- Designed a website determined to find users the career that fits their desire similar to Glassdoor.
- Mastered how to incorporate MySQL.

Book Finder Website/API: Use of HTML, CSS, and JS. (February 10th - February 15th 2023)
- Incorporated the use of Google API to search for books and to dynamically display authors/publishers/book covers on the web page.
- Implemented a floating icon to inform users that their request is loading.
- Created a search bar and buttons for redirecting the user to the book's Wikipedia page.
- Designed a book results page with dynamically loaded book covers and author/publishers from the specified novel using the google API.

Python/Flask Website: Use of Python, HTML, and JS (March 20th - March 30th 2023)
- Integrated a database which stores private user data
- Created a beginner website using Flask in conjunction with python and template usage.
- Designed a helpful user interface for my beginner website in Python.
- Able to store user data through a login account as well as users being able to log in and out of accounts.
- Used Jinja Templating engine in order to pass values and render pieces of HTML.
- I learned how to use an API to load information about specific information.

Mock Crunchyroll/Carousel: Use of HTML, CSS, and JS. (January 20th - January 23rd 2023)
- Website - designed the use interface for a website inspired by the anime site Crunchyroll
- Created a carousel of sliding images using Glide.js.
- I was able to learn how to display sliding images onto a webpage.
- Mastery of HTML and CSS.

Python based Calculator: Use of Python (March 10th - March 15th 2023)
- Designed an addition, subtraction, multiplication, and division-based calculator.
- Created a visual user interface for the calculator.
- Used the tkinter framework for my calculator.
- I learned how to use a framework/library such as tkinter in order to display a calculator.

OTHER SKILLS:

Python C++, HTML, CSS,Java, JavaScript, Github / Git, Flask

VOLUNTEER ACTIVITIES

- Worked with peers to learn C++, HTML and CSS
- DataCamp Python course
- Enrolled in a coding club where as a group we worked together in order to solve weekly Python problems.
- LeetCode participation.