Eric Robinson

856-425-8035 | eric.robinson1128@gmail.com | LinkedIn | GitHub | Portfolio

EXPERIENCE

Trainee   August 2024 – Present
Hopeworks   *Camden, NJ*
- As a trainee at HopeWorks, I gained practical experience in several key areas. I developed websites using Wix and WordPress, which enhanced my skills in web design and development. I also utilized ArcGIS to delve into geographical information systems, gaining insights into spatial data and mapping. Additionally, I completed online training modules through BSD, focusing on HTML, CSS, and JavaScript, which solidified my understanding of fundamental web technologies.

Call Center   May 2022 – Present
Castle Windows   *Mount Laurel, NJ*
- Efficiently manage service calls for window-related issues, utilizing CRM systems for appointment scheduling, while adeptly collecting and analyzing data using Excel to streamline processes for Castle Windows.
- Handle large amount of incoming calls

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, R, HTML, PHP

Frameworks: Flask, Spring Boot

NoSQL: MongoDB

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, RStudio

Libraries: Pandas, NumPy, Matplotlib, Tkinter

PROJECTS

Movie Mania | *HTML, JavaScript, JSON, JSONbin.io, TMDB API*   July 2024 – August 2024
- Developed a movie library application allowing users to create a personal 'Watch Later' backlog, store watched movies, and receive movie recommendations.
- Collaborated with a team using Agile Scrum methodology to achieve seamless functionality and performance optimization through iterative development and regular sprint reviews.
- Implemented user authentication and personalized user experience by displaying logged-in user information and providing individual watchlists.
- Integrated TMDB API to enable movie searches and detailed movie information retrieval.
- Designed user-friendly UI/UX with features such as movie search, adding to watchlist, and viewing watchlists.
- Used JSONbin.io for backend data storage, ensuring a robust NoSQL structure for user and movie data.
- Utilized Git and GitHub for version control, enabling seamless collaboration and facilitating work across multiple locations. Regularly synchronized and updated the project repository, ensuring a consistent and up-to-date codebase for continuous development.

Spotify Top 20 Tracks Analyzer | *Python, Spotify API, Spotipy, Matplotlib, Tkinter, Git*   March 2024 – Present
- Developed a Python program to interact with the Spotify API, retrieving data on the top 20 tracks for a user-specified genre. Applied data manipulation techniques to extract essential track details, including track names, popularity scores, and external URLs.
- Utilized Matplotlib, a powerful data visualization library, to create interactive bar graphs showcasing the popularity scores of the top 20 tracks. Implemented clickable bars in the plot, allowing users to open the corresponding track on Spotify for further exploration.
- Designed a graphical user interface (GUI) using Tkinter, providing users with a simple and intuitive way to input genre preferences and view track information. Implemented drop down menus and buttons to facilitate user interaction, enhancing the overall usability of the application.

EDUCATION

Camden County College   Blackwood, NJ
Associate in Applied Science in Cybersecurity   *May 2022*

Rowan University   Glassboro, NJ
Bachelor of Arts in Computing and Informatics, Minor in Computer Science   *August 2024*