

Eric Robinson

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EXPERIENCE

Web Development Intern

August 2024 – Present

Hopeworks

Camden, NJ

- As a member of a youth-led team, I contributed to designing and developing websites that combined innovative design with strict accessibility standards, ensuring sites were visually appealing, functional, and easy to navigate for all users. My role involved assisting in the creation and maintenance of WordPress websites, providing ongoing website support, and ensuring optimal performance. I also conducted technical training sessions, performed UX and accessibility audits to enhance user experience, and developed UI kits to streamline the design and development process.

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.

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