

Jacob White | Engineer
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Portfolio Website:

Projects

Crwn-Clothing | React Web Application (live)

Description: E-Commerce web template with modern UX dashboard , utilizes google Firebase for secure login for easy user access, saving chosen cart items and safely taking payments

Technologies Used: React, Google Firebase, GitHub, Web Hosting

Smart-Brain | React Web Application (live)

Description: Web application that utilizes an external API to detect a face within an image and tracks user interactions. Manually created server and user database

Technologies Used: JavaScript, React, PostgreSQL, GitHub, AWS Web Hosting

E-Clipz | Angular Web Application

Description: Video streaming website with a UI that allows the uploading of video clips and for users to manage and edit their clips as well as share them or view clips other users uploaded

Technologies Used: Angular, TypeScript, JavaScript, Firebase, UX and UI design

Todo-List | Java Application

Description: REST application that displays a to-do list that can be added to, updated and deleted. Storing entered data into a SQL database

Technologies Used: Java, SpringBoot, SQL, HTML, CSS, Bootstrap, GitHub

Education

Wayne State University Detroit, MI

Present

Bachelor of Science, Mechanical Engineering

- Designing and printing 3D modeled projects
- Scripting in MATLAB

Michigan State University East Lansing, MI

May 2021

Bachelor of Science, Economics – Econometrics

- Python, R and STATA
- Computer-Aided Design (AutoDesk, SolidWorks, Siemens NX)

Experience

Amazon Pontiac, MI

July 2023 – Present

- Developed a Python desktop application to automate creating shift reports that required comparing data from multiple sources in order to be completed
- Implemented a new process for problem solving inventory that is virtually out of location and physically present in the fulfillment center that reduced indirect labor costs by making an existing process more successful and more efficient
- Trained a team of over 70 associates to meet both productivity and quality metrics by using clear, streamlined and effective coaching methods