

Oscar O'Neill

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SKILLS

Languages: HTML, CSS, JavaScript

Tools & Frameworks: React.js, TypeScript, Node.js, Express.js, Git, Docker

Databases: MongoDB, PostgreSQL

Portfolio Link: oscaroneill.tech

SELECT PROJECTS

Switch (switchswapcrypto.netlify.app)

- Developed a web application that identifies the best decentralized exchange for executing a token swap
- Aggregated data from multiple protocols to find the top two optimal swap options
- Created with React.js and TypeScript, utilized Web3.js to assist in retrieving swap data from protocols

Yesterday (yesterday.netlify.app)

- Built a web application using React.js that allows users to listen to music through a user-friendly interface
- Developed reusable components using React.js, which resulted in an efficient and scalable application
- Utilized Framer Motion to add subtle and engaging interactivity, enhancing the user experience

Splashgram (splashgram.netlify.app)

- Developed a photo viewing web application with React.js that allows users to view photos from Unsplash
- Created a RESTful API that makes calls to Unsplash to fetch data that is then displayed to the front-end
- Implemented Unsplash's OAuth2 user authentication workflow to personalize the experience for all users

NYC Property Search (nycbuildings.vercel.app)

- Developed a web application where a user can find out if a specific address in New York City has any complaints
- Used Node.js to retrieve data from NYC Open Data along with React.js to display the data to the front-end

Change The Game (change-the-game.netlify.app)

- Developed a quiz application using React and Typescript, focused on a historic hip-hop record label
- Employed React hooks to manage state and ensure that the application renders efficiently
- Implemented re-usable components to improve code efficiency and reduce redundancy

EXPERIENCE

Mintbean Hackathon

August 2021

- Placed in the top 5% of developers and received Mintbean Star Award for exemplary achievement
- Developed a 2D game web application with a clear winning and losing condition

F. DiFranco Painting Contractors, Inc – Bellmore, NY

Painter, January 2019 – September 2022

- Responsible for the apartment turnover of any recently vacated rental units

EDUCATION

Arizona State University - Tempe, AZ – Interdisciplinary Studies