Francis Nguyen

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EDUCATION

California State Polytechnic University, Pomona   Pomona, CA
Bachelor of Science in Computer Science | GPA: 3.75   May 2024
Relevant Courses: Object-Oriented Design and Programming, Design and Analysis of Algorithms, Data Structures

PROJECTS

Pokemon Web App | React, HTML/CSS | Github | Website
- Designed and created a Pokemon app where the user can search up Pokemon by fetching the open-source RESTful PokeAPI
- Employed Axios library as the fetch method to retrieve Pokemon information, such as names, types, and sprites, and displayed it through a Pokemon card component
- Improved responsiveness of application through media queries, ensuring a smooth experience for all devices

NFT Marketplace | React, HTML/CSS | Github | Website
- Transformed a completely static HTML, CSS, JavaScript, and React single page application into an interactive user interface using animations, transitions, and carousels
- Processed API requests to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination, and dynamic routing
- Applied Git version control and the GitHub interface to practice in a virtual and collaborative team environment and work with an existing codebase

Ecommerce Store | React, MongoDB, Node.js, Express.js | Github
- Primarily focused on frontend development using React
- Created user interfaces and routing for product listings, shopping cart page, and login/signup page
- Updated product information in MongoDB with ability to add, remove, and view products available in an admin panel
- Utilized JWT to authenticate logged in users and maintain the state of cart with ID matching

TECHNICAL SKILLS

Programming Languages: HTML, CSS, JavaScript, Python
Web Technologies/Frameworks: React.js, Node.js (npm)
Developer Tools: GitHub, Git