

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

- Designed and created a Pokemon app with **React** 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

- 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 fetch 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

- 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