Francis Nguyen

nguyenfrancis6@gmail.com | 657 250 9419 | linkedin.com/in/francisnnguyen | github.com/nguyenfrancis6

EDUCATION

California State Polytechnic University, Pomona — Pomona, CA
Bachelor of Science in Computer Science | GPA: 3.77 — May 2024
Relevant Courses: Object-Oriented Design and Programming, Design and Analysis of Algorithms, Data Structures

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, Tailwind CSS, React.js
Backend: Node.js, Firebase, MongoDB, SQL, Python
Testing/Deployment: AWS, Vercel, Jest
Developer Tools: Git, GitHub, Figma, Trello, npm

WORK EXPERIENCE

Frontend Developer Intern — June 2024 - July 2024
California Seismic — Remote

- Created the **ASCE7** feature, displaying sections of the structural design engineering code for civil engineers to study from
- Collaborated with an **Agile development team of 5** in weekly sprints, completing **Trello** tickets for bug fixes and updates to ensure timely delivery of tasks
- Conducted thorough **code reviews** for components ready for production, adhering to best software development practices
- Designed and developed wireframes in **Figma**, translating them into UI components with **React** and **Tailwind CSS**
- Wrote unit tests for the ASCE7 feature using **Jest**, increasing test coverage and stability of the codebase

RELEVANT EXPERIENCE

Instagram Clone | Github | Website

- Emulated the Instagram website with the use of **React** and **Chakra UI** for frontend and **Firebase** for backend
- Allowed users to create an account, search and follow other users, make posts and comments, and customize their own profile
- Implemented **email** and **Google authentication** for login and signup
- Constructed custom React hooks for state management and to fetch and update Firestore information

Personal Portfolio | Github | Website

- Deployed the site through **Amazon Web Services** including **AWS Route53**, **S3 storage**, and **Cloudfront** HTTPS distribution
- Developed **CI/CD** solution for automatic deployment of changes from **Github** using **CodePipeline** and **CodeBuild**
- Utilized **React** for a component-based layout and **Tailwind CSS** for responsive and maintainable styling

NFT Marketplace | 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 fetch data from a cloud server and represented it through skeleton loading states, pagination, and routing
- Applied **Git** version control and the **GitHub** interface to practice in a virtual and collaborative team environment and work with an existing codebase

CPP Business Search Engine | Github

- Co-developed a **Python** and **Flask**-based search engine with a **team of 4** for the Cal Poly Pomona business department, enhancing the search efficiency of faculty research work
- Engineered a web scraper with **BeautifulSoup** to store target faculty pages in **MongoDB**
- Performed parsing, indexing, and ranking to return relevant results based on the user's query