Peter Y. Chin

Software Engineer

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Skills

Languages: HTML5 | CSS3 | JavaScript (ES5/ES6) | Java | C# | SQL
Tech Stack: Bootstrap | SASS | jQuery | React | Redux | Next.Js | Three.Js | MongoDB | Express | Node.Js | Axios
Postman | DaisyUI | Tailwind CSS | Toast | Vite | Zustand

Experience

Creating Coding Careers | Remote   June 2024 - November 2024
Software Engineering Apprenticeship

JavaScript Advanced | Agile | Unit Testing

- Developed a deep understanding of advanced JavaScript concepts, including asynchronous programming, closures, higher-order functions, and ES6+ features, to build robust and efficient web applications.
- Worked alongside a diverse team of developers, participating in code reviews, pair programming, and sprint planning to enhance project quality and meet tight deadlines in a professional environment.
- Applied advanced JavaScript techniques to solve complex coding challenges, improve performance, and contribute to the development of scalable applications, while ensuring maintainable and reusable code.

Projects

Netflix Clone | Full stack clone of Netflix (In Progress)   **Live Site** | **Github**
JavaScript | React | MongoDB | Express | Node.Js | Postman | Axios | DaisyUI | Tailwind CSS | Toast | Vite | Zustand

- Developed a scalable, full-stack application by utilizing MongoDB for efficient data storage, Express.js for building RESTful APIs, and Node.js for backend services.
- Integrated video playback functionality, secure user authentication, and responsive content management, leveraging Tailwind CSS and DaisyUI for a sleek, mobile-first UI.
- Implemented advanced state management with Redux and Zustand to handle complex data flow and user interactions, Axios for API requests, and Postman for comprehensive API testing and debugging.

X-Clone | Full stack clone of Twitter   **Live Site** | **Github**
JavaScript | React | MongoDB | Express | Node.Js | Postman | Axios | DaisyUI | Tailwind CSS | Toast | Vite | Zustand

- Incorporated real-time functionality, secure user authentication, post management, and enhanced the user experience with DaisyUI and React Hot Toast for smooth notifications and UI responsiveness.
- Leveraged frontend and backend to build and deploy dynamic applications, integrating MongoDB for efficient data storage, Express.js for RESTful API development, React for responsive and interactive UIs, and Node.js for backend services. I ensured high performance and maintainability throughout the project.
- Utilized Cloudinary for seamless image and video storage, Axios for API requests, and Zustand for global state management. I also used Postman for efficient API testing and debugging, delivering a highly interactive and scalable web application.

freeCodeCamp | Frontend Projects   **Quote Generator** | **Markdown** | **Drum Machine** | **Calculator** | **25 5 Clock**
HTML | CSS | JavaScript | Bootstrap | SASS | jQuery | React | Redux

- Built responsive, mobile-first interfaces using modern JavaScript frameworks and tools, ensuring cross-browser compatibility and optimal performance.
- Gained hands-on experience with React, Redux, Bootstrap, jQuery, and other essential libraries to build dynamic, user-friendly web applications.
- Applied advanced state management techniques using Redux and React's context API, enabling efficient data flow and component interactions within complex web apps.

Education

Georgia Institute of Technology | Atlanta, GA USA   Graduated May 2015
Bachelor's of Science | Computer Science | GPA: 3.8
Awards / Extracurricular: Jack Kent Cook Semifinalist |Phi Theta Kappa | STEM - Robotics