Kenny Fong

☎ 1-626-747-3880   ✉ kennyfong12@yahoo.com   in https://www.linkedin.com/in/dkkenny/

🌐 https://kenny-fong-site.vercel.app/

EDUCATION

University of California, San Diego   **Oct 2020 - present**
B.S. in Math Computer Science
Relevant courses: Data Structures, Object Oriented Design, Mathematics for Algorithms and Systems, Software Engineering, Algorithm Design and Analysis, Linear Programming, Discrete Mathematics

SKILLS

Programming Languages (Java, C, C++, C#, Python, HTML, CSS, Javascript, Lua, MATLAB, Tailwind, Typescript)

Tools and Frameworks (React, Next.js, Git, Agile, Linux, Blender, SQLite, Framer Motion, Context API, Restful)

EXPERIENCE

Dropshipping   **Nov 2019 - Sept 2023**
Self-Employed, San Diego, CA
- Created a storefront using **Shopify,** utilized **HTML** and **CSS** to integrate custom store design.
- Assisted customers with inquiries and addressed any complaints using effective problem solving.
- Tracked orders, inventory, and finances using a spreadsheet system.

Model Importing   **Nov 2019 - Jun 2021**
Freelance @ Valaris, Los Angeles, CA
- Created and imported a variety of 3D models and animations using **Blender**.
- Applied **Python** to create custom scenes, animations, and shaders.
- Utilized 3rd party websites, such as 3dwarehouse, cgtrader, and turbosquid, to import high-quality products.

Computer Science and Mathematics Tutoring   **Jun 2021 - Sept 2021**
Tutor, UCSD
- Provided tutoring services to peers by breaking down material to simple concepts.
- Explained concepts ranging from Algebra, Geometry, Trigonometry, Precalculus, Calculus, Linear Algebra.
- Taught the basics of coding using **Java** and **Python**, covering topics such as Variables, Loops, Data Structures, Algorithms, and Debugging.

PROJECTS

Cryptocurrency Screener App   **Nov 2023 - Dec 2023**
Project using React/Next.js
- Allow users to track 10,000+ cryptocurrencies in real-time and organize trade with a simple interface.
- Developed using **React** utilizing **Javascript** and **Tailwind,** with saved coins stored in **localstorage.**
- Gathered data from **CoinGecko API** which allowed access to data to be sorted using various sorting algorithms.

Portfolio Website   **Dec 2023 - Dec 2023**
Project using React/Next.js
- Created Contact section using **Resend API**, allowing users to contact me through my website.
- Minimalistic design through the use of **Tailwind** and seamlessly animated through **Framer Motion**.
- Implemented clean coding design by using multiple **Typescript** components and hooks to unify functions.

Notetaking Web App   **Sept 2022 - Dec 2022**
Project for UCSD CSE 110 : Software Engineering
- Experience with agile development methodologies, including **Scrum** and **Kanban**.
- Developed the frontend design of a webpage using **HTML** and **CSS,** utilizing **Javascript** for the backend.
- Utilized **CI/CD** tools such as **Github Actions** to automate build, test, and deployment pipeline.
- Enables students to offer feedback to their current course professor, enhancing the overall course experience.

War of Ages   **Jul 2023 - Sept 2023**
Project from ROBLOX
- A fast paced strategy game built on **Lua** using **ROBLOX Studio.** Players fight aganist AI or other Player where they purchase troops and evolve though historical ages to destroy the enemy's base.
- Created custom troops and animations. Managed variables using data structures such as lists and dictionaries to store information about game state.
- Created a dynamic **AI** enemy that spawns certain troops through specific situations with varying difficulties.