

Kenny Fong

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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 cryptocurrency through real-time data and organize trade with a simple interface.
- Developed using **React** utilizing **Javascript** and **Tailwind**. Stored user saved coins data using **localStorage**.
- Gathered data from **CoinGecko API** which allowed real-time data to be sorted and searched.

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**.
- Implemented button features and provided users with the ability to input data through **Javascript**.
- 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 against AI or other Player where they purchase troops and evolve through 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.