ERIC CHU
Software Engineeer

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TECHNICAL SKILLS AND TOOLS

- **Skills:** TypeScript, JavaScript, HTML5, CSS3
- **Tools:** React, Next.js 14, Git, Github, Vite, PostgreSQL, Node.js, Express.js, Tailwind, ffmpeg, AWS Beanstalk, Docker

EXPERIENCE

Freelance Web Developer │ *Randy Mark Auctioneer*   **Feb 2024 — Present**

- Developed a **content management system** using **Github's Rest API** to allow the client to edit the listings for their auction
- Coordinated with a web designer to build a responsive and SEO-friendly website with **Tailwind** and **Next.js 14**

Teaching Assistant │ *Learning Fuze*   **Dec 2023 — Present**

- Assisted students by providing technical support and troubleshooting programming errors.
- Collaborated with lead instructors on curriculum issues and how to better the performance of each student

EDUCATION

Accelerated Web Development Program │ *Learning Fuze*   **Aug 2023 — Dec 2023**

- Dedicated over 800 total hours of programming (10-12 hours/day) in a simulated work environment over a 14 week program.
- Collaborated with other developers in three separate hackathons to create minimum viable products of various applications

B.S in Computer Science │ *California State University, Fullerton*   **Aug 2018 — Aug 2022**

- Dean's List (Fall 2018, Spring 2019, 2020, 2022)

APPLICATIONS DEVELOPED

Artus │ *Full-stack video hosting web application* │ Github - Live

- Implemented video compression using ffmpeg for efficient multimedia processing.
- Applied **Tailwind** to refine and enhance styling for a visually engaging user interface in **React** and **React Router**
- Designed a **RESTful API** using **Node.js**, **Express.js**, and **PostgreSQL** to facilitate seamless communication between client and server components.

Castle │ *Chess.com API-driven player search engine* │ Github - Live

- Leveraged asynchronous data fetching from a public **REST API** to acquire information and stats on players from Chess.com
- Incorporated both **server** and **client** components from **Next.js 14** to organize data fetching and client reactivity