

# Eric Chu

## Software Engineer

Kiyuen88ec@gmail.com | 703-991-3480 | [LinkedIn](#) | [Github](#) | [Portfolio](#) | Chino, CA

### Technical Skills and Tools

---

**Strong:** React, TypeScript, JavaScript, Node.js, Express.js, TailwindCSS, HTML5, CSS3

**Experience:** REST API, C++, Vite, PostgreSQL, SQL, Agile, Jest, Next.js 13+

**Tools:** Git, Github, VS Code, Slack, npm, Unity, ffmpeg, AWS Beanstalk, Docker

### Experience

---

**Teaching Assistant** | *Learning Fuze*

*December 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

### Applications Developed

---

**Artus** | *Full stack Video Hosting web application.* | [Github](#) - [Live](#)

- Implemented video compression using **ffmpeg** for efficient multimedia processing.
- Applied **TailwindCSS** to refine and enhance styling for a visually engaging user interface in **React** and **React Router**.
- Designed a **RESTful API** using **Node.js** and **Express.js** to facilitate seamless communication between client and server components.
- Deployed **PostgreSQL** as the primary RDBMS for efficient and robust database management.

**Castle** | *Chess.com API-driven player search engine.* | [Github](#) - [Live](#)

- Leveraged asynchronous data collection from a public **REST API** to acquire accurate and updated information on players from Chess.com.
- Developed a fully functional website leveraging **Next.js 14**.
- Incorporated both **server components** and **client components** to organize data fetching and client reactivity.

### Education

---

**Accelerated Web Development Program** | *Learning Fuze*

- 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.

**Bachelors of Science in Computer Science** | *California State University of Fullerton, California*