

JUSTIN Y. CHO

PROFILE

Full Stack Software Engineer with a specialization in ReactJS, VueJS, TypeScript, and Javascript. I am a highly skilled individual contributor with 5 years in the education technology industry and healthcare industry. My experience with managing teams and customers enables me to communicate effectively with my team, external stakeholders, and customers.

SKILLS

Programming: ReactJS, VueJS, NextJS, TypeScript, JavaScript, Python, Express, Node, SQL, PostgreSQL, SQLAlchemy, Flask, Firebase, REST API, Redux, GIT, JEST

EDUCATION

Bachelor of Arts at Williams College | Williamstown, MA

May 2018

Studied: Chemistry (Major), Computer Science, Psychology, Sociology, Math, Economics, Physics, English, Art, Biology, and more

PROFESSIONAL EXPERIENCE

Software Engineer - Smart Technologies

Jan 2022 - Present

- Part of the Lumio Studio Team, building the front-end of the Lumio online classroom product designed for teachers, frequently seen on SmartBoards in classrooms worldwide
- Designed and developed an onboarding system to replace third party service, saving company ~\$50k per year
- Designed and developed the coupon feature in the B2C purchasing flow utilizing Stripe services
- Re-architected the import code into a microservice to improve code readability and usability
- Re-designed our http interface to reduce bundle size to accelerate product loading performance
- Supported migration from Vue2 to Vue3

Business Technology Consultant - Self-Employed

May 2019 - Present

- Implemented a service to easily send SMS messages to thousands of customers leveraging Twilio API for a client
- Created custom SQL scripts for a client to support Health Quality Metrics Data Reports
- Led and taught client through a business software upgrades such as SharePoint and its features
- Created websites for small businesses

Software Implementation Project Manager - Epic Systems (Electronic Health Record aka EHR)

Sep 2018 - May 2019

- Collaborated with a team of 40 project managers on a \$20M software implementation to transition an academic hospital from its legacy EHR to Epic's integrated EHR
- Managed 5 configuration analysts to build out 4 Epic applications: surgery, anesthesia, Supply Chain Management, and medical device integrations
- Leveraged project road maps, progress reports, scrum methodology, meetings with Subject Matter Experts, and an internal task management system to ensure project deliverables met deadlines while adhering to quality standards

PERSONAL PROJECTS

tiplanner.com (NextJS, ReactJS, TypeScript, Javascript, Prisma, PostgreSQL, Vercel, Node, HTML, CSS)

[DEMO](#)

- Designed and developed a trip planner tool that allows users to quickly build an itinerary and share it with others
- Utilized this project to teach myself NextJS, Typescript, and Prisma

Jrello (PostgreSQL, Flask, ReactJS, Redux, JavaScript, HTML5, CSS)

[DEMO](#)

Inspired by [Trello](#), this is a web-based project management tool with drag and drop UX/ UI

- Developed and designed a smooth and intuitive UX with high usability by leveraging Atlassian's "react-beautiful-dnd" library so users can reorder their tasks quickly and easily

Mr.Hood (PostgreSQL, Flask, ReactJS, Redux, JavaScript, HTML, CSS)

[DEMO](#)

Inspired by [Robinhood](#), this is a mock stock trading platform with a simple UX/ UI for beginner investors

- Integrated 2 financial data APIs with stock price data to render components and calculate a cumulative portfolio value
- Employed " Recharts " and " Moment " libraries to display beautiful data visualizations for 6 different time intervals for 10,000+ companies leading a team of 4 engineers utilizing Git version control