

James Liu

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EDUCATION

University of California, Los Angeles

Los Angeles, California

B.S. in Math of Computation (UC GPA: 4.00/ 4.00)

Exp. Grad Jun 2027

- **Related Coursework:** Software Development, Python Programming Modules/Libraries, Object Oriented Programming, Data and Control Structures, Algorithms, Computer Systems and Assembly Language; Calculus I-III; Linear Algebra, Ordinary Differential Equations; Discrete Mathematics

EXPERIENCE

Lasik Eye Center

Buena Park, California

Data Analyst Intern

July 2023 - Dec 2023

- Digitized 5000+ medical patient files, storing scheduled appointment info and prescription into center's database
- Developed Python script utilizing pandas, gspread, and pdfplumber module to efficiently store and backup 1000+ patient data .pdf files exported database -> Google Sheets, enhancing data accessibility and searchability

PROJECTS

SalemWFS VSL Landing Page | React, TS, TailwindCSS, Vercel, Google Firebase, Zapier | <https://salemwfs.vercel.app/>

- Built a fast, responsive, production-ready web app using React and TypeScript, achieving <2s load times to improve user experience and retention
- Integrated an effective lead capture system with automated backend workflows via Google FireBase and Zapier, enabling targeted email follow-ups
- Developed an automated email marketing pipeline increasing client booking/conversion rates by 30%

Chef Cow AI | React, JS, TailwindCSS, Netlify, Huggingface Interface | <https://chefcowai.netlify.app/>

- Engineered 100% client-side state management using React Hooks
- Leveraged LLM prompt-engineering with MistralAI with HuggingFace Interface to dynamically generate personalized recipes
- Deployed to production with Netlify pipeline, ensuring fast and reliable delivery

DevDigest | React, TS, TailwindCSS, Next.js, Vercel | <https://devdigestproto.vercel.app/>

- Designed and built a responsive web app that curates and recommends trending developer content (GitHub repos, YouTube videos, blog posts, Reddit threads) tailored to user interests through Youtube, Github, Reddit API
- Implemented dynamic search functionality, enabling users to explore topics and receive content recommendations based on recent queries.
- Deployed on Vercel for fast, serverless deployment with automatic CI/CD pipeline.

ACTIVITIES

SchoolHouse.world Online Tutoring

May 2023 - Aug 2023

Tutor for SAT Math, AP Calculus I and II

- Tutored 40+ learners across the world through hosted bootcamps/sessions
- Organized a tailored curriculum to enhance learners' knowledge and address individual challenges
- 100+ Ratings: <https://schoolhouse.world/transcript/b794c5a4-064f-4314-9ea7-77b36c6d4b28?limitFeedback=8>

Video-Editing/Thumbnail/Website Freelance

Dec 2023 - Current

Freelancer <https://zhidesign.framer.website>

- Gained over 8,000,000+ views to optimize client's social media brands
- Used Premiere Pro to edit videos, Photoshop for Thumbnail Design, After Effects for Motion Graphics
- Developed responsive websites for e-commerce brands using Figma, Framer, React, HTML/CSS/JS

SKILLS

Languages: Python, Java, C, HTML/CSS, JavaScript, TypeScript

Frameworks & Libraries: TailwindCSS, Next.js, React.js

Developer Tools: Git, Github, VS Code, Netlify, Vercel

All my Work: <https://jamesliu-v3.vercel.app/>