James Liu

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EDUCATION

University of California, Santa Cruz   **Santa Cruz, California**
B.S. in Computer Science (GPA: 4.0/4.0)   *Expected Graduation, June 2027*
- **Related Coursework:** Python Programming Modules/Libraries, Software Development, Object Oriented Programming, Data and Control Structures, Algorithms, Computer Systems and Assembly Language

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 from database to Google Sheets, enhancing data accessibility and searchability

PROJECTS

Help Reduce Carbon Web | React, HTML, CSS, JavaScript   *September 2024 - Present*
- Created React Web Application to help users see how they reduce carbon footprint through different modes of transportation
- Implemented Google Maps and Autoclimatiq API to embed Google Maps Interface and display carbon emissions information of different type of vehicles

Order Tracker Mobile App | *Flutterflow, Flutter, Dart, Firebase*   *May 2023 - July 2023*
- Developed Mobile App using FlutterFlow, Flutter, and Dart to streamline front-end development
- Implemented a secure backend structure using Firebase for real-time data storage and synchronization allowing users to input, store, and track their online purchases
- Integrated user input data to develop a data analysis chart that tracks and summarizes users' total spending, retrieving data from Firebase and using fl_chart

ACTIVITIES AND LEADERSHIP

Video-Editing/Thumbnail/Website Agency   *Dec 2023 – Current*
Co-Founder https://zhidesign.carrd.co/
- Gained over 8,000,000+ views to optimize our client's social media brands; Organized calls to collaborate and propose ideas to create engaging videos; Used Adobe Premiere Pro to edit videos and Adobe Photoshop for Thumbnail Design
- Developed responsive websites for e-commerce brands using Figma, React, HTML/CSS/JS, Webflow

Amazon Arbitrage / Shopify Ecommerce Business   *June 2023 – Current*
Business Owner
- Sold 1000+ units of products on Amazon; $65K in Revenue
- Managed inventory sourcing, pricing strategy, and fulfillment logistics
- Experience in digital marketing, customer service, and supply chain operations

SchoolHouse.world Online Tutoring   *May 2023 - Aug 2023*
Tutor for AP Computer Science Principles; AP Computer Science A; SAT Math
- Tutored 40+ learners across the world through hosted bootcamps/sessions
- Organized tailored curriculum to enhance learners' knowledge and address individual challenges

SKILLS

Programming: Python, C++, C, Java, React, JavaScript, HTML/CSS, SQL, React.js
Tools: Flutterflow, AWS, Firebase, GitHub and Git