

# Lehuy Hoang

[lehuy.hoang@outlook.com](mailto:lehuy.hoang@outlook.com) ▪ (510) 634-0130 ▪ Pleasanton, CA

[www.lehuy.dev](http://www.lehuy.dev) ▪ [www.github.com/lehuyh](https://www.github.com/lehuyh) ▪ [www.linkedin.com/in/lehuyh](https://www.linkedin.com/in/lehuyh)

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## EDUCATION

University of California, Berkeley  
*Bachelor of Arts, Computer Science*

Expected May 2027  
*Berkeley, CA*

## WORK EXPERIENCE

### Corsair

May 2025 – Present

*Software Engineering Intern*

*Milpitas, CA*

- Streamlined product discovery experience for customers with a 23% increase in engagement by architecting server side components that fetch and localize real-time product data from Shopify and Contentful CMS.
- Built an AI agent tool using Google and OpenAI APIs that analyzes content change requests, iterates on update plans, and executes website updates autonomously, reducing ticket resolution time for content tasks by 60%.
- Spearheaded development of Corsair's new design system by engineering reusable React components and collaborating cross-functionally with designers and producers, reducing time to production on product page launches by 30% through standardized UI components across 25+ product pages.

### StudyKit

Aug. 2023 – Present

*Software Engineer*

*Pleasanton, CA*

- Led a development team to build a web app that helps 80,000+ students study with LLM-powered features.
- Debugged and analyzed system performance by scaling backend infrastructure to support 100,000+ decks through implementing database indexing using profiling tools like pg\_stat\_monitor to analyze query bottlenecks.
- Decreased onboarding churn by 50% by integrating PostHog analytics to identify user-interface improvements.
- Increased revenue by 20% month-over-month by integrating a data-driven product iteration approach.

## PROJECTS

### VoidOne - Web Hosting Platform

Oct. 2024

**Stack:** Golang; TypeScript/JavaScript (React+Next.js+Node.js); HTML; CSS (Tailwind); AWS (S3)

- Designed a web hosting platform for developers to deploy production-ready websites in under 30 seconds.
- Developed an API in Go to integrate cloud storage, CDN, and SSL for automating website deployments and save developers 1+ hours on server configurations.

### eBay Product Classification Machine Learning Model

May. 2024

**Stack:** Python; Transformers; BERT

- Increased product metadata information accuracy by 35% compared to existing rule-based systems by training a vehicle information extraction model that uses eBay product listing data, Python, and Transformers.
- Accelerated model training efficiency by automating the labeling of 5,000+ examples by creating pre-and post-processing algorithms for data preparation and extraction matching.

### GoatUI - Declarative UI Framework for C++

Feb. 2024

**Stack:** C++; WebAssembly; Emscripten

- Improved developer experience by reducing required lines of code for UI logic by 40% by building declarative API that simplifies UI manipulation and event handling using object-oriented design principles.
- Built a reusable library of 10+ pre-styled components that includes common elements like buttons and inputs.

## SKILLS

- **Languages:** TypeScript/JavaScript, Python, Go, Java, C++, SQL, HTML/CSS, Assembly.
- **Technologies:** React, Next.js, Vue.js, Nuxt.js, Node.js, Express.js, Transformers, Flash, FastAPI, PostgreSQL
- **Tools:** AWS (S3, CloudFront), Git, LLM/AI APIs (OpenAI, Gemini, Anthropic), Shopify, Contentful CMS, PostHog, WebAssembly, Emscripten, Jira