

# Logan Haase

---

(714) 916-4754 | Huntington Beach | loganhaase3@gmail.com  
github.com/lhaase3 | lhaase3.github.io/Portfolio

## Education

**University of Colorado**, Boulder, CO

2022– Expected Graduation in 2026

*B.S. Computer Science, GPA 3.42*

**Relevant Coursework:** Machine Learning, Network Systems, Ethical Hacking, Operating Systems, Artificial Intelligence, Algorithms, Data Structures, Data Science, Database Systems, Software Development

## Technical Skills

- Proficient in C++, C, JavaScript, Python, SQL, and HTML; Familiar with Java and Scala

## Experience

**Greek List**, Boulder, CO

2025 - Present

Co-Founder, Technical Lead

- Designed and developed Greek List, a full-stack web platform for fraternity recruitment. Architecture included Next.js, Firebase, Flask, and Google Cloud Run.
- Implemented payment processing, event/attendance tracking with QR codes, pre-bid/bid management, and admin dashboards for all fraternities.
- Scaled adoption to over 1,100 paid users in the first rush cycle, increasing CU Boulder Interfraternity Council revenue, and fully managed product lifecycle as the sole developer.

**Polaris Electro-Optics**, Broomfield, CO

Summer 2025

*Software Engineer Intern*

- Independently built a full-stack chemical compound database using Next.js, Flask, Firebase Firestore, and RDKit. Enabling scientists to add, edit, and search compounds by structure or phase transitions.
- Designed and implemented interactive features to streamline research data management and analysis, such as compound detail modals, SMILES drawing/search, and lot creation.
- Consolidated legacy silicon-photonics GDSFactory libraries into unified, parameterized modules, creating reusable functions for slot waveguides, phase shifters, and electrode layouts, while standardizing parameters to improve maintainability and validating designs with automated KLayout checks.

**Consensus Technology Group**, Irvine, CA

Summer 2024

*Software Engineer Intern*

- Developed secure login, registration, and 2FA pages using Supabase for enterprise-grade data center infrastructure management.
- Implemented authentication workflows, ensuring compliance with industry security standards.

**Modern Prairie**, Huntington Beach, CA

Summer 2022, Summer 2023

*Software Development Intern*

- Built JavaScript APIs to automate newsletters, sign-ups, product views, and abandoned cart emails.
- Integrated third-party email services for behavior-triggered communications.
- Implemented real-time user event tracking with Node.js for enhanced marketing automation.

**Jack's Surfboards**, Huntington Beach, CA

2020 - 2022

*Sales Associate*

- Assisted customers with product selection, including clothes, wetsuits, and surfboards to suit them best.

## **Other Experience**

**University of Colorado Student Government**, Boulder, CO

2024

Tri-Executive Campaign Manager

- Designed and managed a website campaign on Squarespace showcasing Tri-Executive candidates and outlining ticket goals for the 2025 school year.
- Organized election outreach events across campus and led a team of 17 students to promote voter engagement.

**Chi Psi Fraternity**, Boulder, CO

2023 - 2024

*House Manager*

- Managed cleaning schedules and coordinated property repairs and upgrades for a 157-member fraternity house.
- Successfully recovered 80% of the security deposit through effective maintenance and property management.