

# Logan Haase

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## EDUCATION

### University of Colorado at Boulder – Engineering & Applied Sciences

Aug 2022 – May 2026

*Bachelor of Science in Computer Science*

*Boulder, CO*

- **Relevant Coursework:** Operating Systems, Network Systems, Database Systems, Algorithms, Data Structures, Artificial Intelligence, Advanced Data Science

## EXPERIENCE

### StudentList

Jan 2025 – Present

*Founder*

*Boulder, CO*

- Architected and operated a cloud-hosted backend platform serving 1,900+ users, generating \$100K+ in revenue for CU Boulder IFC
- Built and maintained backend services and APIs powering payment workflows, QR-based data ingestion, and analytics pipelines, with a focus on reliability and scalability
- Deployed and managed containerized services in production, iterating on system design based on real-world usage, performance, and operational issues

### Polaris Electro-Optics

May 2025 – Aug 2025

*Software Engineer Intern*

*Broomfield, CO*

- Built a backend data platform for ingesting, transforming, and querying large scientific datasets, supporting repeatable analysis and visualization workflows
- Developed automation and tooling to manage metadata, validation, and reproducibility across experimental pipelines
- Refactored legacy engineering libraries into modular, testable components, improving maintainability and long-term system reliability

### Consensus Technology Group

May 2024 – Aug 2024

*Software Engineer Intern*

*Irvine, CA*

- Developed and tested authentication and access-control services (login, registration, MFA) as part of production infrastructure systems
- Worked within structured development workflows emphasizing security, correctness, and system lifecycle management

### Modern Prairie

May – Aug 2022, May – Aug 2023

*Software Development Intern*

*Huntington Beach, CA*

- Built JavaScript APIs to automate newsletters, sign-ups, product views, and abandoned cart emails
- Implemented real-time user event tracking with Node.js for enhanced marketing automation

## PROJECTS

### Satellite Telemetry Anomaly Detection System

Aug 2025 – Nov 2025

- Built a telemetry platform using Python, FastAPI, PostgreSQL, and Docker for ingesting and analyzing satellite time-series data
- Designed real-time ingestion pipelines and APIs supporting anomaly detection workflows evaluated on NASA JPL Telemanom datasets

### CultureCampAI – Senior Capstone

Aug 2025 – Present

- Supported development of AI-powered workflows, contributing to data preparation, evaluation pipelines, and iteration based on real usage feedback
- Assisted in testing and refining AI system behavior as part of a larger application lifecycle

## LEADERSHIP

### Chi Psi Fraternity

Apr 2023 – Apr 2024

*Philanthropy Chairman*

*Boulder, CO*

- Managed a \$3,000 operating budget to plan and execute fundraising events with CU Boulder and local Boulder businesses
- Raised \$36,000 for the National MS Society through planning, sponsorship outreach, and coordinated member engagement

### University of Colorado Student Government

Jan 2024 – Apr 2024

*Student Government Campaign Manager*

*Boulder, CO*

- Managed a campus-wide campaign website and led a 17-person outreach team to drive student voter engagement through campus-held events

## SKILLS

- Languages: Python, C, JavaScript, SQL, Bash
- Cloud & Systems: Docker, Linux, CI/CD workflows
- Frameworks & Tools: FastAPI, Firebase, GitHub/GitLab, Jira