

Cole Hartman

coleakira.com | colehartmancs@gmail.com | linkedin.com/in/coleahartman | github.com/cole-hartman

Education

California State University, Long Beach

Expected May 2026

Bachelor of Science in Computer Science

3.9/4.0 GPA

- **Relevant Coursework:** Operating Systems, Data Structures, Algorithms, Databases, Discrete Structures, Object-Oriented Development, Linear Algebra, Computer Architecture, System Programming, Networks, Computer Security

Experience

Notion

May 2026 – Aug 2026

Software Engineer Intern

San Francisco, CA

- Incoming Summer 2026

GitHub

May 2025 – August 2025

Software Engineer Intern

Bellevue, WA

- Rebuilt GitHub's **Personal Access Token UI**, reducing permission selection time by **40%** for **100M+ users**
- Implemented **PAT Deep Linking** via query parsing to auto-configure permissions and **cut input errors** by **35%**
- **Modernized** a Rails-powered flow by integrating backend permission data into a new **React architecture**
- Reduced **technical debt** by consolidating **fragmented** permission logic across Rails controllers and models

Converge

September 2024 – Dec 2024

Software Engineer Intern

Remote

- Built and maintained the **Electron** desktop app, extending web app features and increasing engagement by **48%**
- Reduced deployment time by **70%** using **CI/CD** pipelines with GitHub Actions across Windows, Mac, and Linux
- Increased implementation success **58%** by collaborating with **stakeholders** and defining project requirements

Happy Kiln

May 2024 – August 2024

Software Engineer Intern

Bellevue, WA

- Led the development of Happy Kiln's modern e-commerce platform using **Next.js** and **TypeScript**
- Implemented webhook handlers to create a dynamic catalog using Shopify's **Storefront API** and **GraphQL**

Pure Mentorship

February 2024 – May 2024

Software Engineer Intern

Remote

- Developed company website using **React** and **JavaScript** within a 4-person team
- Modernized website codebase, providing robust and scalable architecture for future development

Projects

Serenity | EEG, Next.js, Claude

- Engineered a low-latency **brainwave processing pipeline** to compute alpha/beta **stress biomarkers**
- Identified **overstimulation patterns** by modeling neural markers with LLM based **cognitive state classification**
- Built a neurofeedback dashboard with **session history**, **mood trends**, and **neural activity** summaries

UniLend | Next.js, PostgreSQL

- Streamlined student resource accessibility by developing a university-based rental system
- Designed and built a **RESTful API** to support user management and **CRUD** operations
- Implemented a JWT auth system to secure user accounts and **API endpoints**

Skills

Languages: Python, JavaScript, TypeScript, HTML, CSS, Golang, C++ , C, Ruby, SQL

Frameworks: Next.js, React.js, Tailwind CSS, Bootstrap, Rails, Node.js, Express.js

Tools: Linux, Bash, Git, Docker, Neovim, VS Code, Jira, PostgreSQL, Supabase, MongoDB, GraphQL

Concepts: Frontend, Backend, Software Engineering, Agile Methodologies