# Cole Hartman

Email | LinkedIn | GitHub | Portfolio

## Education

**California State University, Long Beach**                Expected Graduation: **May 2026**
*Bachelor of Science in Computer Science*                                *GPA: 3.9/4.0*
- **Relevant Coursework:** Operating Systems, Data Structures, Algorithms, Databases, Discrete Structures, Object-Oriented Development, Linear Algebra, Computer Architecture, System Programming

## Experience

**Converge**                                        September 2024 – Present
*Software Engineer Intern*                                              *Remote*
- Collaborating with senior engineers to implement new features and resolve bugs across the platform
- Building and maintaining the desktop app using **Electron**, extending company's web app functionality
- Automating **CI/CD** pipeline for app deployment on Windows, macOS, and Linux using **GitHub Actions**

**HK**                                              May 2024 – August 2024
*Software Engineer intern*                                          *Seattle, WA*
- Led the development of Happy Kiln's modern e-commerce platform using **Next.js** and **Firebase**
- Implemented webhook handlers to create a dynamic catalog using Shopify's Storefront API

**Pure Mentorship**                                    March 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

**TheCoderSchool**                                  February 2024 – August 2024
*Code Coach*                                                        *Cerritos, CA*
- Taught **30+** students programming concepts in **Python, Java, HTML, CSS,** and **JavaScript**
- Improved students' coding comprehension by **18%** as measured by monthly coding assessments

## Projects

**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**

**Project Pilot** | *React.js, Supabase, Tailwind CSS*
- Built an AI-powered platform that generates customized CS project ideas using advanced prompt engineering
- Scaled to **120+** users, maintaining a **99%** satisfaction rate through continuous development

**Association for Computing Machinery** | *Next.js*
- Engineered a full stack web app for CSULB's ACM chapter, streamlining operations and events to **500+** students
- Integrated third-party APIs to create a centralized hub for club communications

## Skills

**Languages**: Python, JavaScript, TypeScript, HTML, CSS, Golang, C++, C, SQL
**Frameworks**: Next.js, React.js, Tailwind CSS, Bootstrap, Node.js, Express.js
**Tools**: Linux, Git, Neovim, VS Code, Jira, PostgreSQL, Supabase, MongoDB
**Concepts**: Frontend, Backend, Software Engineering, Agile Methodologies