

Lisa Cho

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Profile

As a dedicated undergraduate computer science student, I pursue hands-on development in software engineering, systems programming, and machine learning. My experience spans full-stack projects in AI chatbot development, data pipelines, and frontend design. I'm passionate about solving real-world problems through scalable, data-driven software and seek opportunities in backend systems, ML, and full-stack applications.

Skills

Programming Languages: Python, JavaScript, C/C++, SQL, HTML/CSS

Tools & Platforms: Git/GitHub, Docker, BigQuery, OpenAI API, n8n, Zapier, Puppeteer, REST APIs

Systems & Development: Frontend Design, Backend Systems, Full-Stack Development, AI Integration, Distributed Systems

Professional Experience

Software Engineering Intern

06/2025 – 08/2025 | Englewood, CO

NuView Analytics

- Contributed to the development of four AI-integrated prototypes demonstrating automation and LLM applications in business operations.
- Built solutions with Python, JavaScript, SQL, OpenAI APIs, OAuth, BigQuery, Puppeteer, Zapier, and n8n, implementing features like persistent memory, schema discovery, natural language querying, and automated PDF generation.
- Collaborated with cross-functional teams to define requirements, integrate tools (Google Drive, HubSpot CRM), and deliver usable proof-of-concepts.
- Researched emerging AI technologies, delivered internal presentations, and trained staff to support adoption of AI-powered workflows.

Logic Design Teaching Assistant

02/2025 – present | Denver, CO

University of Colorado Denver

- Support 100+ students in digital logic by providing tutoring, debugging guidance, and assignment help.
- Grade labs, quizzes, and exams while offering detailed technical feedback to strengthen student learning.
- Assist faculty with course logistics to ensure smooth instruction.

Co-Vice President, Society of Asian Scientists and Engineers (SASE)

02/2025 – present | Denver, CO

University of Colorado Denver

- Act as Executive Board liaison, coordinating chapter leadership and supporting smooth operations.
- Lead professional development, mentorship, and member engagement initiatives through events, socials, and study groups.
- Manage sponsorship outreach and represent the chapter at regional/national SASE conferences.
- Mentor future leaders and assist with event planning, sponsorships, and crisis management to ensure organizational continuity.

Education

Bachelor of Science, Computer Science in College of Engineering, Design, and Computing

08/2023 – 05/2026 | Denver, Colorado

University of Colorado Denver

GPA: 3.872

Pursuing Cybersecurity Certificate (expected Dec 2025)

Associate of Arts & High School Diploma

08/2021 – 05/2023 | Littleton, Colorado

Arapahoe Community College & Colorado Early Colleges

GPA: 4.0

Honors: Summa Cum Laude

Projects

BigQuery MCP Chatbot

n8n, HTML, Voice Input, API Integration

Built a chatbot interface for querying BigQuery via natural language. Created two workflows (Zapier and n8n), integrated schema discovery and voice input, and connected results to HubSpot MCP. Designed frontend with HTML for seamless UX.

Onboarding Chatbot

Python, OpenAI, OAuth

Developed an AI-powered onboarding chatbot in Python (OpenAI + Google Drive + OAuth) to centralize company FAQs and resources. Implemented persistent memory, branching logic, and editable chat history to streamline knowledge access and reduce repetitive manual onboarding tasks.

AI One-Page Generator

JavaScript, Puppeteer, HTML/CSS, OpenAI

Developed a web-based tool that generates polished, professional one-pagers from uploaded documents using OpenAI and Puppeteer. Users select from predefined templates and receive fully styled, exportable PDFs. Designed to help internal teams summarize tools and resources efficiently, the system uses AI to generate 90–100% of layout and content, significantly reducing manual formatting time.

Distributed File Retrieval System

C, Networking

Developed a P2P file-sharing platform where clients retrieve chunked files from peers based on server metadata. Implemented custom chunking logic, SHA-256 validation, and error handling for network failures and incomplete transfers.