

DANIEL KIM

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Education

University of Colorado Denver

Expected May 2026

Bachelor's in Computer Science, Minor in Information Systems

GPA: 3.98

Courses: Data Structures, Object-Oriented Programming, Fundamentals of Computing, Logic Design, Calculus I, Calculus II, Statistics, System Strategy and Design, Discrete Mathematics

Relevant Coursework

ISMG 3500 - Business Data and Database Management:

Spring 2025

- Developed skills in database design, data storage, and data retrieval using Oracle SQL and modern data management tools; completed projects focused on transforming data into actionable business insights.

Experience

TRIO SSS STEM Student Assistant

December 2024 - Present

University of Colorado Denver

Denver, CO

- Provided mentorship and academic support to **165+ first-generation, low-income, and disabled students**, contributing to a **college retention rate over 2x higher** than non-participants.
- Assisted with **10+ academic workshops** and financial literacy sessions to support student success.

Freelance Frontend Developer | [demo 1](#), [demo 2](#)

August 2024 - Present

- Designed and developed **10+ custom personal portfolio websites** for students at **CU Denver, University of Northern Colorado, UC Irvine, and CSU**, enhancing their professional presence and online branding.
- Delivered **responsive, visually appealing, and user-friendly designs** using **HTML, CSS, and JavaScript**.

Projects

[Input/Tab Manager Extension](#) | [Source](#)

JavaScript, HTML/CSS

- Created a Chrome extension allowing users to save and manage browser tabs and custom input with an intuitive interface, utilizing **chrome.tabs.query** API to capture and store the URL of the currently active tab.
- Integrated **localStorage** for data, allowing users to access saved tabs even after closing and reopening the extension.

[Library Management System](#) | [Source](#)

C++

- Designed library management system using **object-oriented programming** principles to streamline operations.
- Implemented **inheritance, polymorphism, encapsulation, and abstraction** to create systematic/maintainable code, deploying **file handling** features and **dynamic memory allocation** to allow for persistent storage of data.

[Personal Portfolio](#) | [Live](#), [Source](#)

HTML/CSS, JavaScript, Vercel

- Designed minimalistic personal website with **responsive media queries** ensuring compatibility across various devices, and interactive elements using **CSS transform** to engage users and improve site usability.

Community Involvement

S-STEM Engineering Learning Community Mentor

Fall 2023 – Spring 2025

University of Colorado Denver

Denver, CO

- Organized academic mentorship program for engineering freshmen, participating in volunteering programs.
- Collaborated in engineering learning cohort, managing and organizing events such as professional career development workshops, mentorship activities, networking sessions, and community service initiatives to support student growth.

Technical Skills

Languages: Java, Python, C++, HTML/CSS, JavaScript, MySQL, Oracle SQL

Tools and Frameworks: React, MongoDB, Visual Studio Code, Git/GitHub, PyCharm, Chrome DevTools, Eclipse, Tableau, IntelliJ, IDLE, Prusaslicer, Microsoft Office Suite, Azure

Concepts: Software Engineering, Frontend, Backend, Asynchronous Programming, API Development, Data Analysis