

# Daniel Kim

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## EDUCATION

### University of Colorado Denver

GPA: 3.98

*Bachelor's in Computer Science, Minor in Information Systems*

*Expected May 2026*

**Relevant Coursework:** Data Structures, Object-Oriented Programming, Fundamentals of Computing, Logic Design, Calculus I, Calculus II, Statistics, Biology II, Business Data & Database Management, Discrete Mathematics

## 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 in organizing **10+ academic workshops** and financial literacy sessions per semester, enhancing student success and graduation readiness

### Freelance Frontend Developer

December 2024 - Present

*Self-Employed*

*Denver, CO*

- Designed and developed **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**.

## PROJECT EXPERIENCE

### Input/Tab Manager Extension | *JavaScript, HTML, CSS*

June 2024

- 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 storage, allowing users to access saved tabs even after closing and reopening the extension

### Library Management System | *C++*

November 2024

- Designed and implemented library management system using **Object-Oriented Programming (OOP)** principles to streamline library 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 | *JavaScript, HTML, CSS*

January 2024

- Designed minimalistic personal website with a clear **responsive navigation** menu, featuring descriptions of various projects, ensuring compatibility across various devices
- Designed 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*

- Engaged in collaborative learning environment, organizing academic mentorship program for engineering freshmen, and participating in volunteering programs
- Actively participated in engineering learning cohort, managing events such as professional career development workshops, and involvement in community service

## TECHNICAL SKILLS

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

**Tools:** Visual Studio Code, Github, PyCharm, Chrome DevTools, Eclipse, Tableau, IntelliJ, IDLE, Prusaslicer, Microsoft Office Suite

**Concepts:** Software Engineering, Frontend, Backend, Asynchronous Programming, API Development