Aayush Shrestha

📍 Boise, Idaho ✉ ayzstha@gmail.com 📞 (714) 612-8461 🔗 ayzstha.com in ayzstha ⌂ ayzstha

Technical Skills

Programming Languages: Python, C++, Node.js, Ruby

Web/Media Tools: HTML/CSS, JavaScript, Photoshop, Lightroom, Premiere

Databases: SQL, SQLite, R

Education

The College of Idaho *Aug 2022 – Present*
Bachelor's in Mathematics and Computer Science

- GPA: 3.830 / 4.0
- Dean's Honors List
- **Relevant Coursework:** Python Fundamentals, Object Oriented Programming, Applied Databases, Data Structures & Algorithms, Multiple Regression Analysis, Graph Theory, Data Manipulation & Visualization, Probability & Statistics

Work Experience

Alumni Relations Student Helper *College of Idaho*
2023 – Present

- Managed the alumni database in Raiser's Edge and assisted in planning and executing alumni events, maintaining strong institutional relationships.
- Helped facilitate large events, such as the annual Homecoming and Half-Century Luncheon.

Learning Coach *College of Idaho*
2023 – 2024

- Conducted student support programs, especially with Python Fundamentals and Calculus.
- Organized weekly check-ins with students and collaborated with the accessibility department for wider campus initiatives.

Projects

YoteShares: Meal Sharing Platform

- Created a React-based web app to facilitate meal-sharing among students, integrated with campus meal system through APIs.
- Incorporated Microsoft MSAL for authentication, ensuring secure access for College of Idaho students only.

Residence Hall 3-D Modeling

- Developed a 3-D modeling tool using Autodesk Forge API and React to allow virtual access to College of Idaho residence halls.
- Integrated the model on the College website to improve prospective student experience and accessibility.

Personal Expense Tracker

- Built a beginner-friendly Python application to track daily expenses, categorize spending, and visualize monthly trends.
- Utilized SQL for data storage, providing users with a simple, offline financial management tool.

Languages

Languages: English (Bilingual Proficiency), Nepali (Bilingual Proficiency), Spanish (Elementary Proficiency)