

# Pranish Uprety

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## Education

### Caldwell University

Caldwell, NJ

BS COMPUTER SCIENCE · Financial Economics and Maths Minor

Expected December 2027

- Caldwell Honors Program, Presidential Scholarship, CGPA **3.93/4.0**
- **Facilitator** of 'NASA Space Apps Challenge 2024 (Global Hackathon)', **Instructor** of 'Front-End Web Development', **Honorable Delegate Diploma** at Caldwell MUN, **Contestant** at HackPrinceton 2025 (Annual Hackathon at Princeton University)
- Relevant Courses: *Front-End Web Development, Full-Stack Web Development, UI/UX Human-Centered Design, Data Structures, Principles of Economics I & II*

## Technical Skills

**Programming** Python (advanced proficiency) · JavaScript · C ·

**Web/Media** HTML/CSS · jQuery · Bootstrap · Flask · Express · Git · Photoshop

**Databases** SQL · PostgreSQL · NoSQL

## Projects

**Ask Mattrib: Online Learning Platform** | Ruby on Rails, PostgreSQL, HTML, CSS, jQuery, AWS

- Engineered, developed, and deployed a full stack responsive social learning app, attracting 10,000 registered students within the first year and achieving 60,000 monthly visits.
- Designed and maintained a relational database with ActiveRecord, comprising 19 tables and over 46,000 rows to organize complex relationships between users, content, and interactions.
- Designed over 40 responsive web pages to enhance user experience and content organization across various sections of the app, contributing to an 18% increase in average user engagement.

**Soccer Hub: Live Soccer Data & Stats Platform** | React, Node.js, Express, PostgreSQL, Tailwind CSS, API Integration

- Designed, developed, and deployed a dynamic single-page web app that delivers real-time soccer scores, standings, and player stats for top leagues like EPL, La Liga, and UCL.
- Integrated a sports API for live updates, ensuring an engaging and seamless user experience.

## Work & Leaderships

### Event Co-ordinator at Caldwell Astronomy Club

Caldwell, NJ

CALDWELL UNIVERSITY

April, 2024 - Present

- Coordinated events such as NASA Space Apps Challenge 2024, Music Under Stars, and Solar Eclipse 2024. Facilitated more than 300 students.

### Tutor at Academic Success Center

Caldwell, NJ

CALDWELL UNIVERSITY

Oct, 2024 - Present

- Guided students in Front-End Web Development, covering HTML, CSS, JavaScript, and responsive design principles, while also assisting with Probability & Statistics, Elementary Spanish I, and Discrete Mathematics through structured problem-solving and concept reinforcement.
- Utilized interactive examples, visualization techniques, and targeted questioning to strengthen student understanding, leading to 85% tutees achieving A grades.

### General Member and Outreach Coordinator at SEDS Pulchowk

Pulchowk, Nepal

INSTITUTE OF ENGINEERING, PULCHOWK CAMPUS

June, 2022 - May 2023

- SEDS is a network of tens of thousands of students worldwide who love Space. I served as leader of the Outreach sub-committee at SEDS Pulchowk, Nepal.