Chahana Dahal

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EDUCATION

Westminster University - Bachelors of Computer Science, Minor - Data Science

2021 - 2024   **GPA -** 3.96/4

- **Coursework** - Algorithms, Software Engineering, Networks, Statistical Modelling
- **Affiliations** - Rewriting the Code, Women Who Code, AnitaB.org, GHC'23, AAAI UC
- **Activities** - International Student Association - Vice President (21/22), Resident Advisor, First Generation Scholar

RESEARCH EXPLORATION & HONORS

AAAI-24 (AAAI Conference on Artificial Intelligence) Undergraduate Consortium Scholar

- One of the 18 undergraduate students worldwide selected for their research proposal
- Independently proposed an AI-powered learning system customized for early computer science education overcoming language barriers using NLP and ML models through self-directed learning resources

2023 Google CS Research Mentorship Program Scholar

- Collaborated with a Google mentor to explore innovative applications of Artificial Intelligence

WORK EXPERIENCE

Full Stack Intern - Westminster University

September 2023 - Present

- Developed automated scripts employing JavaScript and Selenium to enhance website accessibility
- Enhanced UX/UI by translating design concepts into impactful, user-friendly features

Web CS Research Assistant - Westminster University

September 2023 - Present

- Developed and maintained the Utah CS Dashboard utilizing React in TypeScript, resulting in increased funding for computer science education in Utah high schools
- Orchestrated the hosting and deployment of the Utah CS Dashboard on a server via Express.js, ensuring accessibility through a live webpage

Student Web Developer - Westminster University

October 2021 - September 2023

- Improved Westminster's website by implementing HTML, JavaScript, CSS and jQuery
- Collaborated with a team of developers to enhance features and resolve issues of the web applications resulting in increased site traffic by 11.4% within a year

PROJECTS

- **LearnSync -** A react web app for student analytics using the Canvas API integration
- **Chatroom -** A full stack socket application with multi-threading using Java
- **DogBreed Database -** A SQL & Python app that researches dog breeds

TECHNICAL SKILLS

Java, Python, TypeScript, C#, C, React, Node.js, SQL, Django, Git, Linux, MongoDB, Scikit-learn