Alicia Mache

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EDUCATION

Wesminster University, Salt Lake City, Utah   August 2022 – present
Business Computer Information Systems BS   *3.90 GPA, 7x Dean's List (Academic Excellence), D2 Collegiate Athlete*

Universidad del Salvador, Buenos Aires, Argentina   August 2024 – November 2024
Exchange Studies

EXPERIENCE

Student Training and Engagement Program (STEP)   May 2025 - June 2025
National Science Foundation ACCESS   *Maimi, FL*

- Explored aspects of cyber infrastructure including machine learning, AI, high performance computing, cybersecurity, cloud computing and computer networks
- Used tools like OpenStack, Kali Linux, Git and jupyterlab

Outdoor Program Staff and Trip Leader   August 2023 - Present
Westminster University Outdoor Program   *Salt Lake City, Utah*

- Lead and facilitate multi-day outdoor trips for college students, ensuring safety through risk assessments and adherence to protocols
- Manage all trip logistics, plan on-campus events and activities, manage gear rentals and repair gear

PROJECTS

Math Maze game | *Software Engineering*   Spring 2025

- Built a web-based educational game for 1st/2nd graders
- Used SveltKit (TypeScript), Supabase, PhaserJS and Bun
- Applied the Agile methodology with client presentations, emphasizing git-based collaboration and feature prioritization
- Integrated Supabase authentication and database management

Airbnb Data Analysis | *Business Analytics*   Spring 2025

- Used R Studio to predict prices of rental listings
- Created regression models to understand and visualize the correlation between variables

Website Development — Web Application — Spring 2024 *Web Application*   Spring 2024

- Designed and developed an improved website for a local Salt Lake City business using HTML, CSS and Django, to create a more intuitive user experience

TECHNICAL SKILLS

Relevant Coursework: Intro to Generative AI, ML Foundations, earned Credly "AWS Educate Badge", Web Applications, Information Technology, Software Engineering, Databases, Computer Networks and Security, Business Analytics, Business Finance, Marketing, Management

Programming: Python, Java, CSS, HTML, JavaScript, SQL

Data and Analysis Tools: Microsoft Excel, R, PowerBI

Spoken Languages: English, German, B1 Spanish