GRACE KAZMIERSKI

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https://github.com/gracekazmierski

LinkedIn Profile: Grace Kazmierski | LinkedIn

I am a highly motivated candidate with a strong background in customer service, strong writing skills, and a strong desire to learn. Skilled in problem-solving and communication, I am a critical thinker with strong interpersonal skills and a proven track record of providing customer satisfaction. I have training as a leader in a team environment, as well as experience in individually focused roles.

EXPERIENCE

UX RESEARCHER

BYU - Idaho | Rexburg, ID

APRIL 2025 - PRESENT

- Led the integration of AI tools into the UX research workflow to streamline affinity mapping, generate insights, and accelerate reporting for university-wide campaigns.
- Conducted usability tests and user interviews with prospective and current students to evaluate key areas of the BYU–Idaho website.
- Analyzed qualitative data to identify pain points, uncover behavioral patterns, and generate actionable insights.
- Created user journey maps and affinity diagrams to communicate findings to stakeholders and development teams.

CURRENT PROJECTS

AI METABOLIC PRIMER DESIGN

APRIL 2025 - PRESENT

Python-based tool that designs allele-specific primers for SNP detection, supporting genomic research and diagnostic applications. The system:

- Introduces precision-enhancing mismatches at the antepenultimate position
- Performs primer quality checks using primer3-py - Ranks, filters, and matches primers for optimal PCR compatibility
- Refactors legacy R code into a modular Python pipeline (BioPython, Pandas, primer3-py)

BYUI MOBILE RIDESHARE APP

APRIL 2025 – PRESENT

Designed and developed a real-time ride-sharing mobile application using Flutter for cross-platform UI and Firebase (Firestore, Authentication) for scalable backend services.

- Implemented comprehensive ride lifecycle management, including features for posting, joining, and viewing ride details, with dynamic updates for available seats and ride status.
- Engineered personalized user dashboards enabling drivers to manage their offered rides (cancel, remove passengers) and passengers to track their joined trips.

EDUCATION

COMPUTER SCIENCE STUDENT

Utah Tech University / Brigham Young University - Idaho

AUGUST 2023 - PRESENT

- 4.0 GPA
- Data Science Society

SKILLS

- Python (Pandas, NumPy, Seaborn)
- Machine Learning
- Data Visualization
- Prompt Engineering
- Web/Mobile Development
- UX/UI Design & Research