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★ Salt Lake City, UT

#### **EDUCATION**

University of Utah Salt Lake City, UT

Bachelor of Science — Computer Science

• Focus: Web & Mobile Applications

• **GPA**: 3.2

Salt Lake City, UT

May 2023

#### SKILLS

• Languages: Python, Dart, SQL, Java/C#, JavaScript, CSS, LATEX

• Technologies/Frameworks: Flutter, Django, .NET

• Developer Tools: Figma, Firebase, Google Cloud Platform, Git, VS Code, Android Studio

### PROJECTS

## Timely: Calendar App with Optimized Notifications §

FA 2022 - SP 2023

- Utilized expertise in front-end web development to merge and present various calendar providers in a cohesive view.
- Implemented a backend server where machine learning algorithms predict optimal notification times from user habits and commuting conditions.
- Designed a customizable, user-friendly UI/UX based on Material 3 design principles.
- Completed the project despite limited data and time constraints.

# Human-Centered Design Project for TRAILS Adaptive | HCI, Figma

FA 2022

- Lead a team of four in the development of user stories, research, and usability testing.
- Applied user-centered design principles, including contextual inquiries, card sorting exercises, low-fidelity wireframes, and high-fidelity prototyping in Figma.
- Presented design concepts and research findings to stakeholders, including program managers and event coordinators.
- Recognized by the professor for exceptional collaboration and understanding of client needs.

## Modern Python Web Browser | Python, JavaScript

SP 2022

- Developed a Python web browser that can download web pages, view documents, run apps, and add visual effects.
- Handled events by parsing URLs, HTML, and CSS, and modifying the DOM.
- Utilized modern browser technologies such as event loops, rendering pipelines, and GPUs for a smooth, responsive user experience.
- Built a GUI browser console, debugger, and web development environment.

#### EXPERIENCE

**STEM Tutor** Apr. 2020 – Sep. 2021

Salt Lake Community College

Salt Lake City, UT

- Effectively communicated complex technical concepts to students of varying levels of understanding.
- Identified and solved problems in STEM subjects, including troubleshooting code errors.

Registrar 2009 - 2018

Art Institute of Salt Lake City

Draper, UT

 Successfully managed and maintained over 750 student records, strictly adhering to FERPA and other regulatory guidelines.

- Proven track record of consistently ensuring compliance with academic and accreditation policies, which resulted in a successful passing of the Veteran Affairs annual audit for federal aid.
- Efficiently handled and oversaw academic operations for over 10 programs, managing a faculty of 30+, ensuring smooth workflow and productivity.
- Demonstrated excellent teamwork and collaboration skills by actively working with department heads to guarantee that students met graduation requirements, leading to increased retention rates.