Jacob Morgan Dietz

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EDUCATION

University of Utah, School of Computing — Salt Lake City, UT
Bachelor of Science, Software Engineering — *May 2026*
   Related Coursework
- Computer Security
- Mobile App Programming
- Engineering Probability & Statistics
- Web Development 1 & 2

Corner Canyon High School — Salt Lake City, UT
Graduated with honors, 3. 9 GPA

EXPERIENCE

Walton Concrete Protection and Repair — Sandy, UT
Construction Worker — *June 2024-August 2024 & May 2025 - August 2025*
- Performed repairs and maintenance on concrete structures to ensure longevity.
- Restored and applied protective layers of coating to parking lots and pool deck surfaces.
- Ability to work in a collaborative environment in order to meet expected deadlines under contract.

Instructure (Canvas Learning Management System) — Salt Lake City, UT
Data Migration Specialist — *June 2022 – January 2023*
- Identified, corrected, and reported data entry errors.
- Compiled data from source documents prior to data entry.
- Input client information into spreadsheets and company databases to provide leaders with quick access to essential client data.
- Conducted quality checks to verify accuracy, integrity, and completeness after entry.
- Proofread and edit documents to correct errors.

SKILLS

- **React.js**	- *FastAPI*	- *SQL*	- *Java*
- **Python**	- *Django*	- *C++*	- *C#*

PROGRAMMING PROJECTS

Pony Express (Full Stack Web Application) — *April 2025*
   Developed a full-stack chat messaging application with FastAPI written in Python (backend) and React written in Javascript (frontend), supporting user authentication and registration, chat creation/joining, message editing, and real-time interactions using React Query and modular API design.

April 2023

Agario Clone
   This project is a copycat of the online computer game, Agar.io. The program connects a server where it interprets messages for online gameplay and draws them on the screen, mirroring the mechanics of the original version. The program allows for those on the same network to play online together.