

Jeffrey Anderson

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EDUCATION

- **Bachelor of Computer Science** Aug. 2020 – June 2023
Utah State University (USU) Logan, Utah, United States

EXPERIENCE

- **Front-end Engineer** July 2023 - Present
Conxx Inc/Komodo Systems Remote
 - **Front-end Web Development:** Front-end web development using modern frameworks such as Nuxt 3 and Vue. Helped develop and maintain the GridObserver platform. Also helped develop the Komodo Eye tool.
- **Full Stack Engineer** Sept. 2022 - July 2023
USU NSF Aspire Logan, UT
 - **Full Stack Web Development:** Full stack web development utilizing modern frameworks like Reactjs, Express, and Sequelize ORM. Developed both a monitoring web service as well as a REST API that helped support the Aspire research team.
- **Junior Web Developer** May 2022 - Oct. 2022
Aidia LLC Logan, UT
 - **Full Stack Web Development:** Full stack Web Development utilizing Node, React, Express, and Sequelize. Helped develop and maintain websites for the various customers we had.
- **Junior Web Developer** May 2022 - Oct. 2022
USU IT Networking Logan, UT
 - **Full Stack Web Development:** Worked on Web applications utilizing Flask, Django, and React that were used by the IT Networking team. Helped maintain the services that are used by the Networking team every day.

AWARDS

- **Hack USU 2023:** Second place in Game Development
- **Hack USU 2022:** First place in Game Development

PROJECTS

- **Komodo Eye:** This software is a tool that allows users to monitor their network within a few minutes and with minimal setup.
- **GridObserver:** This software is a network management software that I help develop and maintain for Conxx Inc. This software allows our customers to easily monitor the devices on their network.
- **EVR Visualization:** Visualization server I created to monitor energy flow within Aspire's EVR building as well as monitor 35 buses in the Salt Lake and Ogden regions. See <https://github.com/DIRECTLab/evr-visualization-react> for more info.
- **Charger Reservation Application:** Mobile-friendly website created to reserve chargers. See <https://github.com/DIRECTLab/reservation-frontend-web> for more info.
- **Aspire REST API backend:** I created the REST API that is used to handle the data collection done by the various systems at Aspire. It can handle many thousands of requests every second.
- **Pong:** A Pong replica utilizing Monogame that followed the ECS game structure format.
- **Galaga:** A Galaga replica utilizing Monogame framework.

PROGRAMMING SKILLS

- **Languages :** Javascript, C#, Python, C++, Java
- **Technologies :** Nuxt, Vue, React, Git, Sequelize, Sqlite, Express, Unity, Monogame