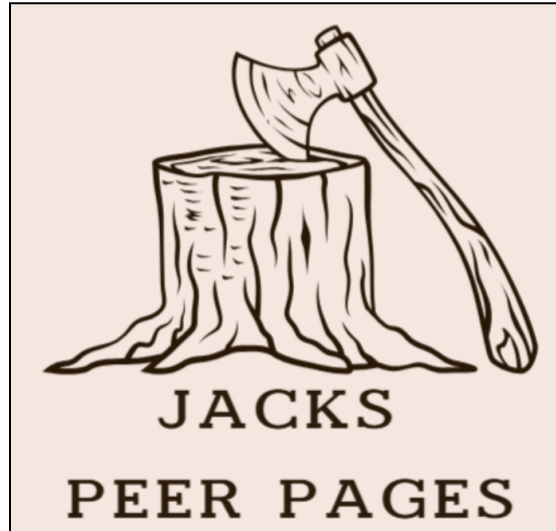


Team Inventory



Jack's Peer Pages

September 18th, 2025

Sponsor: Dr. Keith Nowicki
Faculty Mentor: Md Nazmul Hossain

Team: Haley Berger, Haley Kloss, Jeremiah Lopez, Tyler Austin

Overview

The purpose of this document is to briefly introduce the members of our team. The following pages will succinctly outline the training, skills, and relevant experience of each team member.

Surprise, AZ
Computer Science

Haley E. Berger



Education

Shadow Ridge High School - Surprise, AZ

Graduated: May, 2022

GPA: 4.00/4.00

Northern Arizona University - Flagstaff, AZ
Bachelors of Science (Hon.) in Computer Science

Expected Graduation: May, 2026

GPA: 3.91/4.00

- **CS 386 - Software Engineering**
- **CS 485 - Undergraduate Research**

Work Experience

Lead Undergraduate Researcher - NAU FEWSION Lab

Aug 2025 - Present

- Continued work as a Research Lab Intern. Help with more managerial duties (plan meetings, onboarding etc).

Research Intern - NAU FEWSION Lab

May 2024 - Aug 2025

- Designed own system for handling large data sets. Used SQL, MongoDB, and various other dev tools.

Student Researcher - NAU Wearable Informatics Lab

Jan 2024 - May 2025

- Designed, fabricated, and programmed an Arduino-based hand exoskeleton. Presented at a conference in Chicago.

NAU Computer Science Grader and Tutor

Jan 2024 - May 2024

- Graded and tutored for CS courses (IE: Data Structures).

Skills

- **Tools & Platforms:** Skilled with Git/GitHub, Azure DevOps, VS Code, and IntelliJ IDEA through classes and lab work. Have given presentations on Git.
- **Data Analysis:** Experience with large-scale data collection and analysis in research.
- **Databases:** Worked with SQL and MongoDB in research, including database conversions and management.
- **Back-End Web Development:** Skilled in managing backend data, learned through various courses and software implementation projects

Additional Interests

- **Association of Computing Machinery (ACM) Treasurer.**
- **STEM Education and Engagement:** I am actively involved in volunteering for STEM education programs and outreach. I also mentor a girls FIRST Robotics team and give presentations to the engineering program at my old high school.

Jamison, PA
Computer Science

Haley R. Kloss



Education

Central Bucks High School East- Doylestown, PA

Graduated: May, 2022

GPA: 4.30/4.00

Northern Arizona University - Flagstaff, AZ

Expected Graduation: May, 2026

Bachelors of Science in Computer Science

GPA: 3.95/4.00

- **CS 345 Database Systems**
- **CS 386 Software Engineering**
- **CS 477 Human-Computer Interaction**

Work Experience

Web Programmer - Sunrise app

August 2025 - Present

- Learned the basics of app development and traversing a pre-established, robust code base.

Software Developer - Clickstop

Jan 2025 - Present

- Backend development with AWS, Shopify, and NetSuite.

Software Developer Intern - Clickstop

Jun 2024 - Jan 2025

- Worked on backend database systems and information aggregation.

Undergraduate Researcher - NAU FEWSION lab

Jan 2025 - Aug 2025

- Worked on the code base for the FEWSION project, implemented SQL in Python.

Peer Math Assistant - NAU

Jan 2023 - Aug 2024

- Tutored students in Calc II.

Skills

- **AWS Web/AI Development:** Works regularly with AWS services for backend web development and AI at Clickstop.
- **Database experience:** Gained proficiency with SQL databases at FEWSION and NoSQL databases at Clickstop.
- **API integration and development:** Experience with Celigo, OAuth, Postman, AWS API Gateway, and Node.js/Express.
- **UI/UX design:** Studied web design in the NAU course Human-Computer Interaction.

Additional Interests

- **Art:** I love to draw, paint, and do digital art in my free time!
- **Plants!** As part of the NAU botany club, I have way too many houseplants!

Phoenix, Arizona
Software Engineering

Jeremiah Lopez



Education

Thunderbird High School - Phoenix, Arizona

Graduated: May, 2022
GPA: 3.5/4.00

Northern Arizona University - Flagstaff, AZ
Bachelors in Software Engineering

Expected Graduation: December, 2026
GPA: 2.7/4.00

- **CS345 Database Systems**
- **CS386 Software Engineering**

Work Experience

This Capstone Project

Sept 2025 - Present

- This project is the only time I have essentially worked professionally in my field. But I am excited to learn new ideas and experience new things.

Skills

- **Database Systems:** Gained experience with SQL databases in my CS345 class in NAU.
- **UI/UX design:** Worked with website design a good amount with all of my past projects, including CS386.
- **Back-End Development:** Knowledgeable in backend work due to past works in most of my classes in NAU.

Additional Interests

- **Film:** I have always been interested in the art of films, and I was in a film club for about a year in my community college.
- **Video Games:** I have played video games pretty much all my life, and I always love playing with friends.

Los Alamitos, CA
Computer Science

Tyler Austin



Education

Los Alamitos High School - *Los Alamitos, CA*

Graduated: May, 2022

GPA: 4.20/4.00

Northern Arizona University - *Flagstaff, AZ*
Bachelors of Science in Computer Science

Expected Graduation: May, 2026

GPA: 3.89/4.00

- **CS 480 - Operating Systems**
- **CS 345 - Database Systems**
- **CS 440 - Software Architecture**

Work Experience

Assistant Systems Administrator - NAU ITS CIA Team

Jan 2025 - Present

- Handling application packaging for the school's computers and automating tasks through powershell scripts.

Student Technician - NAU ITS Desktop Support

July 2024 - Jan 2025

- Handled NAU faculty technical issues, some computer repair, and computer delivery + setup

Skills

- **Database experience:** CS345 & CS440 gave me some experience working with MySQL as well as integrating it with Docker.
- **Back-end Development:** Have worked on the back end of applications in multiple courses here at NAU.
- **UI/UX Design:** Currently in Web Programming II and was in charge of making the UI and Website layout for S4 Scheduler Project in my Software Engineering course.

Additional Interests

- **Running:** Used to be the President of the NAU Running Club and currently training for the Flagstaff Half-Marathon coming up in October.
- **Hiking/Camping:** I love to go around Flagstaff and see all the great natural areas surrounding the city.
- **Gaming:** Games have always been a fun pastime for me and always catch my interest.