

Peak Adventure Experiences



Team Inventory

Date: 09/19/2025

Team Members: Makaela Crookes, Yahir Espinoza, Alonso Garcia, Jack Morris

Project Sponsor: Paddy McGarry

Team Mentor: Ogonna Eli

Overview

This document briefly introduces the team members of Peak Adventure Experiences, which outlines their education, skills, and relevant experience.

Makaela Crookes

Major: Software Engineering

Hometown: Phoenix, Arizona



Education

Northern Arizona University

Flagstaff, AZ

Relevant classes:

- CS 312 - Web programming II
- CS 345 - Database systems
- CS 386 - Software Engineering

Sandra Day O'Connor Highschool

Phoenix, AZ

GPA: 4.1/5.0

Work Experience

Project in CS 386: Developed a simple website using html, js and css targeted towards college students/young adults, intending to increase their financial literacy and accessibility to budgeting platforms.

Skills

Front-End Development: Gained skills from CS 212 and 312. Comprehension of html, js and css.

Back-End Development: Gained skills from CS 312 and 345. Comprehension of SQL queries.

Yahir Espinoza

Major: Computer Science

Hometown: Phoenix, AZ



Education

Northern Arizona University

Flagstaff, AZ

Relevant Courses:

- CS 212 - Web Development
- CS 345 - Database systems
- CS 386 - Software engineering

Moon Valley High School

Phoenix, AZ

GPA: 3.6/4.0

Work Experience

- **CS386 Project:** Created a video game using GoDot Engine. Developed using GitHub version control system

Skills

Front-End Development: Skills gained from CS 212. Basic understanding of HTML, CSS, and JavaScript.

Back-End Development: Skills gained from CS 345. Basic understanding of SQL queries.

Alonso Garcia

Major: Computer Science

Hometown: Tempe, AZ



Education

Northern Arizona University

Flagstaff, AZ

Relevant Classes:

- CS 312 - Web Development II
- CS 345 - Database Systems
- CS 386 - Software Engineering

McClintock High School

Tempe, AZ

GPA: 3.7/4.0

Work Experience

- **Internship at UQLID Lab:** Developing an interactive topology optimization software with React, Node.js, and Express.
- **Project in CS 386:** Developed full-stack website for users maintaining healthy dietary habits with MongoDB, Express, React, Node.js.

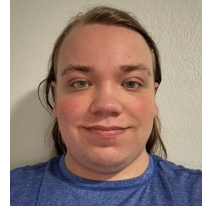
Skills

- **Front-End Development:** Gained skills from CS 312. Ability to make reactive websites with the use of React's capabilities, like states and routing.
- **Back-End Development:** Gained skills from CS 312 and CS 345. Ability to apply databases in website servers for data manipulation.

Jack Morris

Major: Software Engineering

Hometown: Goodyear, Arizona



Education

Northern Arizona University

Flagstaff, Arizona

Relevant Classes:

- CS 386 - Software Engineering
- CS 460 - Computer Networks
- CS 477 - Human Computer Interaction
- SE 460 - Project Management

Estrella Foothills High School

Goodyear, Arizona

Work Experience

- **Project in CS 386:** Developed an Android game pack using Kotlin and Java to implement four games into a single application.

Skills

- **Computer Networking:** Gained skills from CS 460. I can create secure connections between computers using TCP/IP protocols to enable peer to peer and client-server connections.
- **App Development:** Gain skills in Android development in CS 386. I understand how to navigate through Android Studio and how to use it to create Android applications.
- **UI/UX Design:** Developed skills from CS 477. I understand the principles of designing functional user interfaces and how to create a desirable user experience.

Other Interests

I am highly passionate about games, specifically tabletop role playing games and card games. Along with these, I have a strong interest in game theory, development, and design.