

**Team Inventory for Team “Fish Out of Water”  
9/22/2023**



**Project Sponsor: John Fennell  
Faculty Mentor: Sairsri Muttineni**

**Team Members:  
Jack Shanley  
Corey Moreno  
Nicholas Robishaw  
Jaron Bauers**

**Overview:**

**The team inventory document is meant to provide a brief introduction of all team members that are involved in this project. This document will contain a brief description of relevant skills and experience of all of the team members. This will identify the current strengths of the team, as well as areas in which the team will grow throughout this project.**

**Jack Shanley**  
**Major: Computer Science**  
**Hometown: Anthem, Arizona**



**Education:**

High School: Anthem Preparatory Academy  
Unweighted GPA: 3.8

College: Northern Arizona University  
Current GPA: 3.8

Relevant Coursework:

CS386 - Software Engineering

CS345 - Database Systems

CS421 - Algorithms

**Work Experience:**

Software Engineering Intern at Raytheon Technologies (June 2023 - August 2023)

Contributed as a software engineering intern on the StormBreaker program. Participated in the test team testing, debugging, and writing embedded software for the weapon system.

Apprentice Software Engineer at Northern Arizona University (June 2022 - Present)

Assist in the development and testing of ASP.NET Core, PHP, and other applications to support the mission of Northern Arizona University.

Act as a liaison between software development teams and other IT teams to ensure efficient implementation of applications and best practices.

**Skills:**

C/C++

Have worked with these programming languages during many classes at NAU and during my internship.

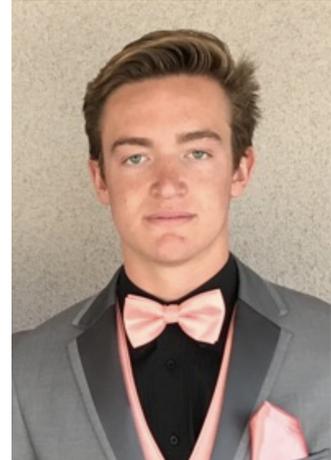
Python

Have worked with this programming language often while at school and used it occasionally during my internship.

**Other Interests:**

I really enjoy fishing and have been doing it since I was young. I was lucky enough to fly fish up at Lee's Ferry with my father about two years ago. This heavily motivated me to pursue this project. I am also currently in the Air Force Reserves, which has helped me tremendously in growing my collaborative abilities within team environments.

**Corey Moreno**  
**Major: Computer Science**  
**Hometown: Murrieta, California**



**Education:**

High School: Murrieta Valley High School

College: Northern Arizona University

Relevant Coursework:

CS386 - Software Engineering

CS345 - Database Systems

CS470 - Artificial Intelligence

**Work Experience:**

Apprentice Software Engineer at Northern Arizona University (June 2022 - Present)

Assist in the development and testing of ASP.NET Core, PHP, and other applications to support the mission of Northern Arizona University.

Maintains and updates the main website for Northern Arizona University.

**Skills:**

C/C++

Have worked with these programming languages during many classes at NAU and during my internship.

Python

Have worked with this programming language often while at school and used it occasionally during my internship. Use this language to mod video games as a hobby.

HTML/CSS/Javascript

Have worked with these languages during my two years of working at NAU ITS. Have also worked with these languages in some classes at NAU.

**Other Interests:**

I have fished and hunted a few times while growing up, which is what has motivated me to choose this project. I also enjoy making mods for video games using Python and image capturing libraries. My skills in Python and passion in fishing and hunting is what will help me dominate in this project.

**Nicholas Robishaw**  
**Major: Computer Science**  
**HomeTown: Prescott, Arizona**



**Education:**

High School: Prescott High School

College: Northern Arizona University

Relevant Coursework:

CS 345 - Database Systems

CS 126 - Python

CS 249 - Data Structures

**Work Experience:**

Laborer at Sebago Flooring Inc. ( 2016 - Present ).

I worked on commercial construction sites, where I did a number of things, including floor demos, floor installs, wall protection, tile, floor prep, and self-leveling. Sebago works on a number of federal, residential, and commercial projects year-round.

**Skills:**

C

C has been the most familiar language I have used in my college career. I have taken CS 136, CS 249, and am currently taking CS 480, where the class specializes in creating in-depth programs utilizing the C programming language.

Python

Python was the first programming language introduced to me when I started at Northern Arizona University. I enjoy programming in Python because of how versatile and forgiving it is compared to other languages like C.

HTML/CSS/Javascript

I learned how to correctly create and structure a website with these tools in my CS 212 class, where I spent the semester updating and creating games on my own website.

**Other Interests**

My family and I have always loved hunting and fishing in our free time. When I saw that Arizona Fish and Game was going to be sponsoring a project for our capstone, I immediately jumped at the opportunity to help a company that I've always supported. I am excited to work with the Python coding language to create a fully functional program that identifies, counts, and stores the information to make someone's job a little easier.

**Jaron Bauers**

**Major: Computer Science**

**HomeTown: Jerome, Arizona**

**Education:**

High School: Mingus Union High School

College: Northern Arizona University

Current GPA: 3.73

Relevant Coursework:

CS386 - Software Engineering

CS345 - Database Systems

CS421 - Algorithms



**Work Experience:**

Devops Engineer Intern at Intel (July 2021 - September 2023)

Proficient in unit / functionally testing own and others' code during development. Strong ability to debug / troubleshoot issues and devise simple solutions efficiently. Knowledge in CI / CD practices and the delivery of quality code.

**Skills:**

C/C++

Have worked with these programming languages during many classes at NAU.

Python

Have used python during my internship and have unit tested my own and others python code.

CI/CD

Have experience implementing continuous integration and continuous deployment practices to code bases. (Jenkins, Github Actions etc.)

**Other Interests:**

I used to go night fishing all of the time during high school with friends over the weekends and was excited to see a project involving fish! Another selling point for me was the opportunity to learn how to implement image processing being that it is still considered a new area of computer science to explore. I am looking forward to developing python code and growing as a software developer.