

Team Inventory

31 March 2025

ArchaeoSight

Sponsor: Dr. Kayeleigh Sharp

Mentor: Jeevana Swaroop Kalapala

Team Members: Larry Griffith, Dazzion Porter, James Harris, Levi Ly



Overview

The purpose of this document is to introduce our team members and our respective skills relevant to the development of our capstone project.

Team Inventory

Name: Larry Griffith

Major: Computer Science

Hometown: Payson, Arizona



Education:

- Payson High School – 3.67 GPA
- Northern Arizona University – Relevant Courses: CS 315 Automata Theory, CS 421 Algorithms, CS 470 Artificial Intelligence, CS 480 Operating Systems

Skills:

- Low level programming topics – Wrote an OS simulator in C.
- Python – Created a Fallout-style hacking terminal game, using Pygame, that ran on a Raspberry Pi for a real Fallout terminal.

Other Interests:

- I really enjoy learning about low level programming. I like learning about how the Linux kernel works and how compilers work. I also am currently learning post-quantum cryptographic algorithms.

Name: James Harris

Major: Software Engineering

Hometown: Yuma, AZ



Education:

- Northern Arizona University – Relevant Courses: Software Engineering, Database Management, Software Testing
- Arizona Western College – Completed an Associates in Science of Computer Science with Honors

Skills:

- Verification & Testing – Familiar with debugging large-scale applications, stress-testing systems, and ensuring correctness in complex workflows.
- Programming & Software Development – Proficient in C, C++, C#, Java, JavaScript, HTML, SQL, MongoDB, Node.js.
- Front & Back-End Development – Experience in designing and maintaining web applications, working with AWS, GitHub, and UI/UX.

Other Interests

- My free time is spent about 50% working on development projects I have.
- I also enjoy playing video games and learning strategies to optimize builds in the games, or automating the collection of resources.
- As well, I enjoy watching videos on different techniques for simulations, such as ways to produce realistic physics and visual effects via techniques like ray-tracing

Name: Levi Ly

Major: Applied Computer Science

Hometown: Mesa, Arizona

Education:



- Desert Ridge High School – 4.0 GPA
- Northern Arizona University – Relevant Courses: CS 440 Software Architecture, CS 470 Artificial Intelligence, CS 477 Human-Computer Interaction

Skills:

- Python – Coded various projects in Python, including Discord bots and small video games.
- Full-Stack Development – Major contributing developer for three web projects. Technologies used include Node.js, Express.js, React.js, Vue.js, MongoDB, and MySQL.

Other Interests:

- Art – I primarily draw digitally, but I occasionally engage in other forms of art such as 3D modelling and animation.
- Gaming – I spend much of my free time playing video games. I mostly value the social aspect of playing with friends and family.
- Crochet – I enjoy making plushies and other gifts for people.

Name: Dazzion Porter



Major: Software Engineering

Hometown: Grand Rapids, Michigan

Education:

- RCB Academy - 3.7 GPA
- Northern Arizona University - Relevant Courses: CS 470 Artificial Intelligence, SE 460 Software Project Management, CS 305 Computing Tools

Skills:

- Python – I've completed several projects and coursework scripting in Python.
- Database Management – I have experience with managing databases using MySQL and MongoDB
- Testing – I also have experience with automated testing and the implementation of different testing frameworks such as NUnit, JUnit, and Pytest

Other Interests:

- My other interests include nature, gaming, game development, and cooking