

Team Inventory

2/05/24

The Lunar Pit Patrol:

Evan Palmisano, Ibrahim Hmood, Alden Smith, Caden Tedeschi, Levi Watlington

Project Sponsor: Trent Hare

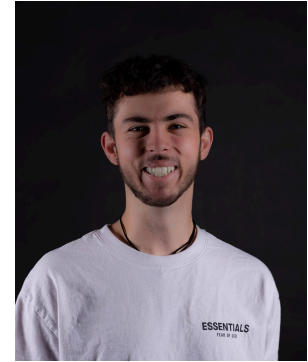
Faculty Mentor: Vahid Nikoonejad Fard

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

Evan Palmisano

Bio:

A hardworking and dedicated Applied Computer Sciences undergraduate student working towards gaining an entry-level position in the world of autonomous computing. I specialize in drone automation but also enjoy application development and user experience improvements.



Education:

Ventura High School GPA: 3.5

Northern Arizona University

- CS: 480
- CS: 386
- ISM: 310

Relevant Experience: Undergrad Study

- Experience using Python programming to communicate with unmanned flight systems through ROS 2 (Robot Operating System).

Skills:

- C# - Used in ISM to develop graphic interfaces to achieve a variety of functions.
- Python - Personal projects drove my graphic development in Python. The language is also used in my work to program drones through ROS 2
- C - Most of my experience in C comes from developing backend-based programs for CS 480 Operating Systems and CS 460 Network Programming

Other Interests:

Drone racing, Playing guitar, Mechanics, Microelectronics, Snowboarding

Ibrahim Hmood

Bio:

My name is Ibrahim Hmood. I am aiming to get a BS in Software Development. I was raised in Phoenix but was born in Iraq. I came to NAU primarily because I wanted to live somewhat independently, and also because NAU was one of the few universities that would accept me.



Education:

- Ironwood High School - GPA: Unknown
- Glendale Community College - GPA: 2.4
- Northern Arizona University - GPA: 3.0

Work Experience:

No relevant work experience

Skills:

- C/C++ - Some personal projects of mine have been made using C/C++
- Python - Have worked on personal projects involving the use of Python.
- Java - Have worked on personal projects for mobile devices, and have had to learn Java.

Other interests:

- Exercising
- Playing video games
- Reading
- Building circuits

Alden Smith

Bio:

My name is Alden Smith. I am currently going for my BS in CS at NAU. My hometown is Ventura California where the weather is much nicer than here. Came to NAU for several reasons but mostly for the cheap schooling.



Schooling:

- Ventura High School
- Ventura County Community College
- Northern Arizona University
 - 386 Software engineering
 - 499 Augmented Reality
 - 470 Artificial Intelligence

Work Experience: Software Engineer @ StateFarm

- Sunset is a 3rd party platform and replaced it with an in-house built AWS-React system to assist our agents with contacting clients.
- Assisted in building a terraform workflow to automate deployment to AWS.
- Built a chatbot to parse and answer customer inquiries for frequently asked questions.

Skills:

- React web dev - It's what I do for work, creating tools for agents.
- C# Unity Game Dev - This is my bread and butter, I've been passionately making games since 2016. I have a whole portfolio built.
- Python - I create cool tools and specialize in AI & Computer Vision. A couple of projects I have behind my belt are Web Scrapers, Automatic Attendance Takers, and Vehicle and Animal Recognizer.

Interests:

Game Dev, Gaming, Current Electronics, Hiking, Biking, electric vehicles

Caden Tedeschi

Studying Computer Science

From Phoenix, Az



Schooling:

Sandra Day O'Connor High School - GPA: 3.97

Northern Arizona University - Relevant Classes

- CS 386 - Software Engineering
- CS 413 - Virtual Worlds
- CS 480 - Operating Systems

Work Experience:

No Relevant internship or work experience

Skills:

- Python: Mostly built skills from scripting and automating simple tasks
- C, C++: Skills learned from Operating Systems and Principles of Languages.
- C# & Unity: Built skills working in Unity and game development with personal projects and the Virtual Worlds class.
- HTML, CSS, JavaScript: Gained skills while building portfolio website as well as Software Engineering project

Other Interests:

Game Development, gaming, and working out.



Levi Watlington

Maricopa HighSchool GPA: 3.7

Northern Arizona University GPA: TBA

Senior Computer Science Major

Relevant Courses:

- CS-386 Software Engineering (Tkinter GUI building experience)
- CS-499 Augmented Reality (User Interface Design experience)
- CS-470 Artificial Intelligence (Python experience)

Skills:

- Python
- C, C++, C#
- Html, CSS

Other Interests:

Hiking, gaming, reading fiction (sci-fi, fantasy, etc.), hiking, billiards