

Team Inventory

September 25, 2021

Team Poseidon Way-Finding

Michael Leverington

Han Peng



Fernando Diaz

Ulugbek Abdullayev

Brandon Jester

Jonathan Gomez

Overview:

The purpose of this team inventory document is to briefly introduce the members of our team. Also, the following pages will give a brief outline of every team member's skill, training, and relevant experience .

Fernando Diaz:

Bio:

Hello I am currently the team lead for the Thirty Gallon Robot Project. I'm originally from Chilpancingo Guerrero in Mexico, but now I live in Arizona. I am majoring in Computer Science.

Education:

- Associate of Arts from Yavapai College
- Northern Arizona University.
 - Relevant Coursework: Algorithms, Software Engineering.

Work:

Food and Beverage, which teaches communication, which is especially in technology, where most industry employees are very introverted.

Skills:

- Public Speaking
- Communication
- Software Design

Other Interests:

I enjoy watching shows, reading, and sometimes videogames. I also enjoy weight lifting, and light cardio exercise. Furthermore, I enjoy writing in my spare time. I take inspiration from J.R.R. Tolkien, Juan Rulfo, and Gabriel Garcia Marquez. As each of these authors have a very surrealistic and fantastical style of writing.



Ulugbek Abdullayev:

Bio:

I'm currently the recorder in the Thirty Gallon Robot. I'm an international student at NAU and I'm from Uzbekistan. I've lived in the U.S for almost three years now and have enjoyed my experience. I am majoring in Computer Science, with an associate degree in Computer Engineering.

Education:

- Northern Arizona University
 - Relevant Coursework: Software Engineering, Distributed Systems and Research In Software Engineering.

Work:

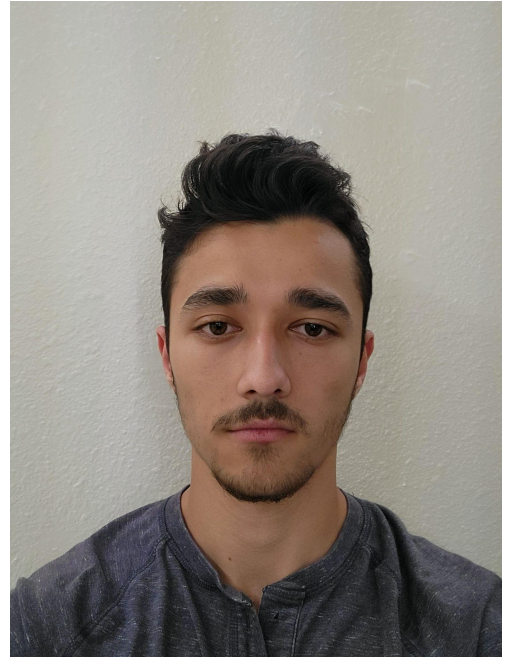
I have 2 years of experience in IT working as a student technician at NAU's ITS classroom support. I currently work as an SQL database manager at Capital Planning and Campus Operations, which oversees the university's academic buildings and resident halls, and ensures that they operate smoothly.

Skills:

- Game Development
- Communication
- Virtual Art
- Excel

Other Interests:

I enjoy nature, especially in Flagstaff. Also I enjoy some lightweight gaming. Furthermore, I enjoy playing soccer and watching all the European League soccer. In addition, I have picked up a few other hobbies like hiking and kayaking. I also enjoy skydiving, my recent dive was 18,000 ft. which was the 2nd highest jump in commercial skydiving in Arizona. In life I take most of my inspiration from David Goggins and his book "Can't Hurt Me". My favourite quote from him is "The worst thing to happen to a man is to become civilized".



Brandon Jester:

Bio:

Hello, my name is Brandon Jester, I am majoring in computer science. TheThirty Gallon Robot was my first choice for my capstone project, because it's a departure from what I've done as a software developer. I have a strong interest in robotics and artificial intelligence, and hope this project can provide me some insight into these fields. Outside of school, I work as a software developer for a small company.

Education:

- Northern Arizona University
 - Relevant Coursework: Software Engineering.



Work:

I am currently working remotely as a software developer for a small company based in Mesa called Client Focus, which provides an appointment scheduling service for insurance agents. My job is to develop new client and employee-facing applications to increase ease of use and work efficiency, as well as fix/add new features to old applications already in use.

Skills:

- Adaptability in learning new technologies on the fly
- Teamwork
- Backend web development

Other Interests:

I like to spend my free time playing games or going out with friends. I like to consider myself a bit of a movie buff, I love going to the theaters and do so as often as I can. In both games and movies I enjoy heavy story-driven experiences that I can absorb myself into, for example: Lord of the Rings.

Jonathan Gomez

Bio:

My name is Jonathan Gomez, I am majoring in Computer Science and I am from Gilbert, Arizona. I am very excited to be working with the Thirty Gallon Robot because I am very interested in robotics and in artificial intelligence. Because of my interest with Arduino and Raspberry Pi, I believe this project will give me great real world experience with robotics.

Education:

- Chandler-Gilbert Community College.
- Northern Arizona University.
 - Relevant Coursework: CS386, Software Engineering



Work:

I don't have much official work experience. However, I can adapt on my own and shorten the gap with other people by having hands-on experience.

Skills:

- 3D computer visualization and path finding
- Raspberry Pi and Arduino
- Can learn new programming languages and technologies quickly
- Implementing Backend databases including SQL and NoSQL

Other Interests:

One of my favorite hobbies is playing video games. I really enjoy the artistic creativity that comes from video games. One of my favorites series of all time is Bioshock because of its atmosphere, world building, and story. I also try making video games in my spare time.