Team Satellite Fire Patrol
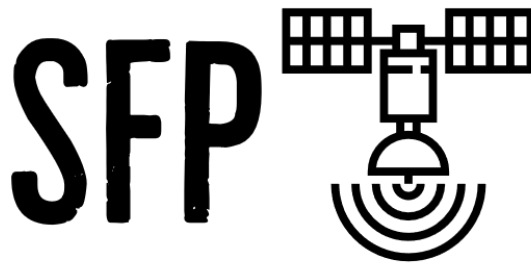
Team Inventory
September 21, 2023

Team Members:
Zachary Hallemeyer, Aaron Santiago, and Nasya Valenzuela

Clients:
Benjamin Wiebe, Dr. Camille Gaillard, and Dr. Christopher Doughty

Mentor:
Saisri Muttineni

Overview:

The purpose of this document is to introduce the members of Satellite Fire Patrol. It will include relevant skills, experience, and other information of each member

Zachary Hallemeyer

- **Major:** Computer Science
- **Minor:** Mathematics
- **Hometown:** Mesa, AZ

Education

- **Institution:** Arete Preparatory Academy
  Location: Gilbert, Arizona
  GPA: 3.65

- **Institution:** Northern Arizona University
  Location: Flagstaff, Arizona
  GPA: 3.56
    - CS 386 - Software Engineering
    - CS 345 - Database Systems
    - CS 465 - Distributed Systems

Work Experience

Undergraduate researcher at NAU
Worked under Professor Ashish Amresh on a program called Let's Talk Code to teach Computer Science to teachers in the Navajo Nation for them to implement Computer Science into their lesson plans.

Skills

- **Database Development -** Experience using R for manipulating data
- **Full Stack Development -** Experience using javascript for develop both front end and back of a website in CS 386
- **Distributed Systems** - Experience using multiple systems to solve a problem in CS 465

Interests
I enjoy spending my free time by going on hikes, cooking, and woodworking with my loved ones. I am interested in building software that is secure and can directly help people.

Aaron Santiago

- **Major:** Computer Science
- **Hometown:** Tucson, AZ

Education

- **Institution:** Pima Community College
  Location: Tucson, AZ
  GPA: 4.00

- **Institution:** Northern Arizona University
  Location: Flagstaff, Arizona
  GPA: 3.57
    - CS 386 - Software Engineering
    - CS 312 - Web Programming III
    - CS 105,205,305 - Computing Tools I-III

Work Experience

Undergraduate researcher at NAU
Worked under Professor Ashish Amresh on a program called Let's Talk Code to teach Computer Science to teachers in the Navajo Nation for them to implement Computer Science into their lesson plans.

Information Technology Services Level II at NAU
Worked under Caleb Hudzinski to image, troubleshoot, and deploy software to NAU owned devices across campus.

Skills

- **Team Management** – Experience managing and leading team based software project.
- **Web Development –** Experience using JavaScript, php, and UI design.
- **Languages –** Experience creating projects in C, Python, C++, GitHub.

Interests

I spend my free time going to the gym, skating around campus, and hanging out with friends. I am interested in creating software that makes a positive impact and that is intuitively designed.

Nasya Valenzuela

- **Major:** Software Engineering
- **Hometown:** Phoenix, AZ

Education

- **Institution:** Copper Canyon High School
  Location: Glendale, Arizona
  GPA: 3.8

- **Institution:** Northern Arizona University
  Location: Flagstaff, Arizona
  GPA: 3.51
  - CS 386 - Software Engineering
  - CS 345 - Database Systems
  - CS 440 - Software Architecture

Work Experience

Web Development

Worked with a group of fellow students in CS386 creating an open source web application designed to teach coding to people of all ages.

Skills

- **Software Architecture -** Worked in developing several software architecture systems in CS440
- **Languages -** Python, JavaScript, C++, GitHub

Interests

I like to spend my free time cooking and baking, painting, spending time with my cats and being outdoors with my family. I enjoy working in innovative software that will have a positive impact and be accessible to everyone.