



Document:

Team Inventory

Date:

September 24, 2023

Team:

Team Wilbur

Sponsor:

Dr. Christopher Mayerl

Mentor:

Italo Santos

Team Members:

Adriel Perez

Alexander “Gus” Siegel

Nathan Seitz

Taylor Nielsen

Overview:

This document is labeled as the Team Inventory where the sole objective is to introduce any training, skills, and/or relevant experience of each team member succinctly.

Biographical Info:

Adriel Perez, majoring in Computer Science. From Nogales, AZ

Education:

Nogales High School, 3.917 GPA

Northern Arizona University, 3.73 GPA

CS 312 – Web Programming II

CS 386 – Software Engineering



Experience:

CS 249 Grading

Skills:

Programming Languages: Python, C/C++, C#, HTML, CSS, SQL, PHP – from classes at Northern Arizona University and for personal projects

GitHub and Repository Experience – from low level Northern Arizona Classes, a Software Engineering class, and through own personal experience

Adaptable to team requirements – from personal experience and nature of programming with real companies/clients

Other Interests:

Playing video games such as shooters, souls likes and battle royales

Learning to cook new dishes

Expanding my repertoire of programming skills

Hanging out with friends and meeting new people

Biographical Info:

Alexander “Gus” Siegel, majoring in Computer Science. From Santa Barbara, CA

Education:

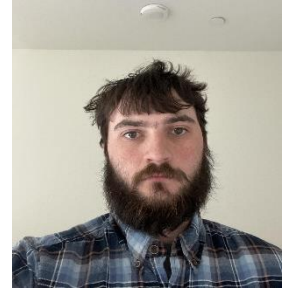
Santa Barbara High School, 3.45 GPA

Northern Arizona University, 3.3 GPA

SE 444 - Data Wrangling

CS 460 - Computer networks

CS 470 - AI



Experience:

Robotics Club (High school and local team):

Experience building fully autonomous robots with specific goals.

Free-lance full stack development (mobile):

Experience working closely with clients and doing all parts of app development.

Skills:

Full stack experience

Programming Languages including: Python, Java, C, C++, Rust, R

Other Interests:

In CS:

AI, cyber security, creating efficient solutions, and hack-a-thons.

Outside of CS:

I've played ultimate frisbee for almost my whole life, Video games

Biographical Info:

Nathan Seitz, majoring in Applied Computer Science with Honors.
From Prescott Valley, AZ.



Education:

Canyon View Prep Academy, 3.95 GPA.
Undergraduate study: Some general education credits from
Yavapai College, 4.0 GPA
Approximately 3 years at NAU, 3.77 GPA.
CS312 - Web Programming II
CS345 - Database Systems
CS386 - Software Engineering

Experience:

Internship at Northrop Grumman Space Systems: Experience working in a team of Engineers, communicating with Electrical and Mechanical Engineers to fully understand an issue and reach a solution.

Learned proprietary language writing scripts to control spacecraft, and software to execute those scripts.

Skills:

Backend development
Learning new languages
Interdisciplinary Communication

Other Interests:

Reading: I'm working through the Dune books right now; I enjoy Fantasy and Sci-Fi.

Games: Avid player of Magic: The Gathering, as well as video games.

Music: Tame Impala is a top favorite band, getting more into rock and indie rock recently.

Interested in learning more about AI, especially ML. Also highly interested in getting more involved with software that interacts with or controls hardware.

Biographical Info

Taylor Nielsen, majoring Software Engineering. From Santa Rosa, CA



Education:

Maria Carrillo High School, 3.3 GPA
University of Arizona, 3.45 GPA
Santa Rosa Junior College, 4.0 GPA
Northern Arizona University, 3.2 GPA
CS 386 - Software Engineering
STA 444/445 - Introduction to R and Data Wrangling in R
CS 460 - Computer Networking

Experience:

Internship at Keysight Technologies
Teachers Assistant CS 136 / 249

Skills:

Computer Networking – Studied TCP/IP connections and threads during the duration of the course.
GitHub and Code Review – During my group project in CS 386 we implemented a version of code review through GitHub.
C# - during my internship I worked with C# to write tests and develop code.
WPF – one of my projects during my internship was to develop a new GUI window for a specific query to instruments and process the data.

Other Interests:

I am an avid Sci-Fi and Fantasy connoisseur. I love anything from Star Trek: TNG to BattleStar Galactica to Harry Potter because I love world building and magic systems or complex science fiction systems.

I love to create through sewing. I'm currently sewing my friend a jumpsuit for her birthday.

I really enjoy outdoor activities like backpacking and skiing.