

Team Inventory

October 4th, 2024



Data Integrity and Abuse Prevention for Environmental Preservation

Team Members: Aidan Trujillo, Fady Zaky and Kyle Bambling

Mentor: Scott Larocca

Sponsor: Dr. Camille Gaillard, Dr. Duan Biggs, Dr. Jenna Keany, and
Dr. Chris Doughty

Overview: The purpose of this document is to provide an understanding of the skills, interests and experiences of the individual team members. This resource should give our mentor and clients an overview of the team members so that they are better informed about the strengths of the team.

Aidan Trujillo

Albuquerque, NM

Major: Computer Science



St. Pius X High School - 4.32 GPA

Northern Arizona University - 3.81 GPA

Experience:

- Tech Support at NAU ITS: Worked as tech support fixing software, computer and account issues for faculty, staff and students at NAU.
- Internship at Systems MD: Provided tech support for hardware and software issues for various different companies managed Systems MD.
- Tech Support at USLBM: I currently work here as tech support helping users with software and computer issues. I work a lot with remote environments.

Skills:

- Python Programming: Through CS 126 as well as through personal projects of my own with the Spotify API.
- C Programming: Through CS 136, 245, and mostly 480 where I learned how to program large and complex projects and implement my own data structures.
- Web Programming: Through CS 212, CS 312 and CS376 where I made a full-stack web application with my team and we implemented user accounts and used a lot of javascript through react to create a responsive web app.
- Leadership: I held a Senior Technician position at my job at NAU and this was helpful in learning how to make decisions when no one else knew and learning how to properly delegate tasks.
- Teamwork: Through CS376 I worked on a project using the Scrum method to assign weekly tasks and develop a full stack application using github as our version control system.

Interests:

For fun I enjoy hiking and going to the movies. I enjoy spending time with friends and trying new restaurants with them. I also enjoy working on coding projects using APIs from Spotify to manipulate my music and move it from apple music. I also like to webscrape to make excel sheets especially for movies.

Fady Zaky

Cairo, Egypt

Major: Computer science



American University of Cairo: 2019 - 2022

Northern Arizona University: 2022 - Present

Experience:

- CS tutor: Providing one-on-one sessions with college students in computer science, statistics, and calculus.
- Teaching assistant for a variety of CS courses: Assessed assignments and exams by grading and providing constructive feedback and providing both individual and group support to over 50 students.
- CS Club operations assistant: Aided with day-to-day operational tasks, ensuring steady workflow and efficient resource utilization.

Skills:

- Proficient in software services such as MS Office and coding languages such as C, C++, Python, Java, JavaScript, HTML, and Linux(Ubuntu) with a very solid understanding of algorithms and data structures.
- Bilingual in Arabic and English with proficient writing, speaking, listening and reading skills.
- Teamwork oriented, versatile with time management, solid analytical thinking skills, and good communication and documentation with team members.

Projects:

- Numerous-Games-In-One Mobile Application | *Kotlin Program*
- Operating System Simulation Program | *C Program*
- Satellite Server Simulation Program | *Java Program*

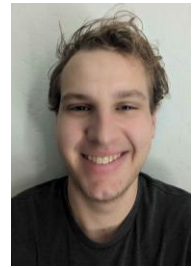
Interests:

I enjoy working out and spending time communicating with my friends during my leisure times. I also enjoy playing video games at the competitive level. I try to learn different coding languages and experiment on them as a hobby. Other hobbies of mine include journaling and listening to music.

Kyle Bambling

Chandler, Arizona

Major: Software Engineering



Corona Del Sol High School

Northern Arizona University-2021-2025 GPA: 3.4

Experience:

- College Intern at Northrop Grumman-I worked in Software Configuration Management under the Space Sector branch. I had various tasks, including helping other team members and writing code for the team. I learned a lot about the business side of being a software engineer and I was able to apply my programming skills.
- IT Specialist at Kyrene School District-I had a wide range of responsibilities, including replacing outdated hardware and resolving technical issues district wide. I learned about a different aspect of technology and real world skills.

Skills:

- C Programming: Over the course of my academic career, I have used C in various classes and personal projects. In addition to programming with C, I have used it to learn about data structures, operating systems, software architecture, and other skills.
- Python Programming: I have extensively used python in classes and professionally. The main project at my internship at Northrop Grumman was a python script.
- Proficient Understanding of Statistics: I am currently a tutor for statistics and have taken a few statistics classes. I have also worked with R, a statistical programming language.
- Teamwork: Every job I have had has been as part of a team. I enjoy working with people and I have acquired skills to help work as a team.