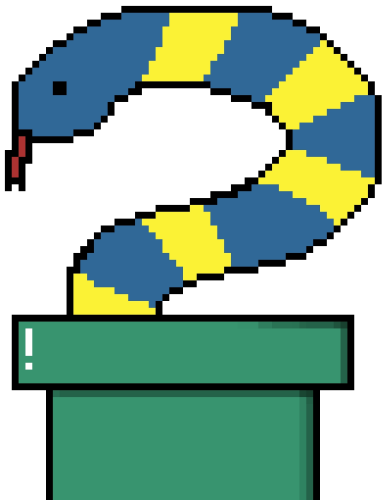

Team Inventory

28 September 2018

Pypline

Scotts Akins, Dr. Jay Laura (Sponsors)

Isaac Shaffer (Mentor)

Nicholas Anderson, Austin Collins, Connor Schwirian (Leader), Abdulaziz Zarie

Overview:

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

Name: Nicholas Anderson

Major: Computer Science

Hometown: Tucson, AZ

Education

High School: Sabino High School (3.82 GPA)

University: Northern Arizona University (3.26 GPA)

- Intro to Intelligent Systems - Used Python for several projects throughout the course exploring the fundamentals of search and logic programming.
- Software Engineering - Gained experience in webapp design and managing Github repositories.
- Algorithms - Explored CS design techniques and algorithms using Python.

Skills

- Python Proficiency - Used Python in multiple CS courses for projects which included the use of common third party libraries and GTK GUI development.
- Linux Configuration/Troubleshooting - Experience installing and configuring multiple Linux distributions (Ubuntu, Debian, Arch) for personal use. Installed and configured LAMP stacks. MariaDB, and various development environments for CS classwork.

Interests

I am an Linux and Open Source Software enthusiast and am constantly installing various distributions. After graduation I hope to pursue options that allow me to develop software in the OSS community. In my spare time I enjoy reading science fiction and am currently working through The Expanse series.

Name: Austin Collins

Major: Applied Computer Science

Hometown: Phoenix, AZ

Education

High School: Shadow Mountain High School

University: Northern Arizona University (2.56 GPA)

- Operating Systems - Design a multi-phase simulator using C
- Contemporary Developments - Use Python closely with GitHub
- Special Topics - Application development using Android Studio

Skills

- Background in Python and Java
- Some knowledge of bots and how they work
- ArcGIS

Interests

I have always enjoyed learning about automation, specifically in vehicles. I particularly like the complexity behind fine tuning a car engineered for racing. I know as much about aviation as I do CS but I'm no pilot

Name: Connor Schwirian

Major: Computer Science

Hometown: Phoenix, AZ

Education

High School: Shadow Mountain High School (3.83 GPA)

University: Northern Arizona University (3.93 GPA)

- Network Analysis and Characterization - I developed Python projects in a Docker environment.
- Operating Systems - I developed and managed a large project using git and Github.

Work Experience

- Summer Intern - State Farm Tempe, AZ - Developing Python applications based around API interactions.

Skills

- Extensive experience and proficiency with Python and a number of third party packages for the language.
- Experience and proficiency with Linux command line.

Interests

I am a dungeon master for a Computer Science Dungeons and Dragons group. I am an avid reader of science-fiction novels, my favorite novel being *The Martian*.

Name: Abdulaziz Zarie

Major: Computer Science

Hometown: Jeddah, Saudi Arabia

Education

High School: Al-Deya Private High School (3.84 GPA)

University: Northern Arizona University (3.27 GPA)

- Special Topics - Developed multiple projects with the use of GitHub repositories
- Algorithms - Handled multiple design techniques such as divide and conquer, greedy, and dynamic programming in python.

Skills

- General to intermediate Python knowledge from CS126 and mini projects done outside of NAU such as summarizing articles from online websites using python.
- General experience with Ubuntu flavor of Linux.

Interests

When I am not on the computer coding or doing assignments I like playing fighting games like Tekken, Street Fighter, etc, and reading books. I liked watching anime ever since I was a kid, especially Gundam since it was giant robots fighting in space and the geopolitical storylines were a plus. Therefore I romanticized the idea of space so it has always been a life goal to work with space-related research.