

Team Inventory

JabberJack



Team Member:

Sara Harris, Tyler Zimmerman, Jiasheng Yang, Gabriel Proctor

Team Mentor: Felicity H. Escarzaga

Client: Dr. Andy Wang

Sponsor: Northern Arizona University

29 September, 2021

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

Sara Harris



- ❖ **Major:** Computer Science
 - ❖ **Hometown:** Cave Creek, Arizona
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❖ **Education:**

Cactus Shadows High School

- GPA: 3.7

Paradise Valley Community College

- GPA: 3.8

Northern Arizona University

- GPA: 3.6
- CS450 (In Processing), CS421(In Processing), CS470(Complete)

❖ **Work Experience:**

Early Warning (Zelle):

- I was a data science intern over summer 2021; I researched ways to automate a process called user access reviews (UARs) and developed a macro in Visual Basic (VBA) that could automate documentation.

❖ **Skills:**

- I've taken classes in C and have done some personal projects in C
- In my data science position I utilized VBA and learned other tools like Numpy, OpenPyXL, Pandas python libraries

❖ **Other Interests:**

Soccer, Art, Linux, Reading, Writing

Jiasheng Yang



- ❖ **Major:** Computer Science
 - ❖ **Hometown:** Beijing, China
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❖ **Education:**

North University China(freshman, sophomore)

- GPA: 3.75

Northern Arizona University(senior)

- GPA: 3.83
- CS470 (In Processing), CS460(In Processing)

❖ **Work Experience:**

A Member for MIT Artificial Intelligence project 2021, 8

- Our team has researched Medical Image processing based on Computer Vision algorithms(we are still struggling with the training model and SCI).

❖ **Skills:**

- My time with the MIT Artificial Intelligence project has given me experience with Python, Computer Vision(Unet++, DeepLab v3++), and database(Pandas).
- My infrared tracking and obstacle detection car gave me experience with C Language, and 8051 microcontroller.
- My website of the stock analysis gave me experience with Python, Pandas, Web Programming.

❖ **Other Interests:**

Robotics, Self-driving cars, Skiing, Embedded Programming

Tyler Zimmerman



- ❖ **Major:** Computer Science
 - ❖ **Hometown:** Pine, Arizona
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❖ **Education:**

Phoenix College Preparatory Academy

- GPA: 3.5

Phoenix College

- GPA: 3.6

Northern Arizona University

- GPA: 3.1

❖ **Work Experience:**

Freelance Website design and development:

- I spent time with clients talking about their vision for their website and trying to give them a product as close to the description they gave. Websites were designed with a plethora of notes and comments as well as modular design so that another web manager could pick it up with little learning and change it to their will.

❖ **Skills:**

Personal Project Experience:

- I have done a great deal of personal projects that rely on an intuitive Graphical User Interface (GUI) along with them connecting to the back end of the program.

❖ **Other Interests:**

Game Design, Artificial Intelligence

Gabriel Proctor



- ❖ **Major:** Computer Science
 - ❖ **Hometown:** Prescott Valley, Arizona
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❖ **Education:**

Prescott High School

- GPA: 4.0

Northern Arizona University

- GPA: 3.2
- CS476 (In Processing), CS396(In Processing), CS421(In Processing)

❖ **Work Experience:**

CS480 Operating Systems:

- I have experience creating an Operating System simulation that solidifies my understanding of how operating systems work and how that might affect programs designed and implemented on different platforms.

CS212 Web Programming:

- I gained first hand experience in minor level website design and implementation.

❖ **Skills:**

- I am proficient with programming languages such as C, Python, Java, javascript with minor experience in C based parallel programming.
- Experienced with modular program design to facilitate program readability.

❖ **Other Interests:**Robotics, Artificial intelligence, Game design