



# Team Inventory

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# Intro

This team inventory paper serves as a quick introduction to our team members. The training, abilities, and pertinent experience of each team member are briefly described in the pages that follow.

# Ryan Lucerol Applied Computer Science | Chandler, AZ

## Education

Highschool: Perry High School

GPA: 3.54

Northern Arizona University

Relevant Course:

- CS 249- Data Structures
- CS 470- Artificial Intelligence
- CS 386- Software Engineering



## Work Experience

Information Technology Intern | Array

- I was involved in various departments at Array Technologies. My main tasks included tier 1-3 IT administrative tasks. I was also able to cross-train with the software engineering department as well.

Technical Support Specialist | Northern Arizona University

- I am a student worker at Northern Arizona University. I mainly work in the ITS Service Desk call center where I assist customers in different technical support tasks.

## Skills

Programming

Gained through academic coursework in full-stack development and hands-on experience during my internship with Array, building real-world solutions in Python and C#.

Cybersecurity

Developed through focused study and practical experience in securing systems and networks, with a strong emphasis on protecting data and ensuring system integrity.

## Other Interests

Outdoor activities/Active activities

I am a very active person who enjoys spending time outdoors, whether it's hiking, playing sports, or exploring cool scenic spots. I also love working out, pickle ball and pretty much anything that involves staying active.

Golfer

I am passionate about golf, as it combines my love for the outdoors with focus, discipline, and continuous self-improvement.

# Cathy Ly | Computer Science | Phoenix, AZ

## Education

Highschool: Barry Goldwater High School

GPA: 3.67

Northern Arizona University

Relevant Course:

- CS 386 - Software Engineering
- CS 421 - Algorithms
- CYB 410 - Secure Software



## Work Experience

Teaching Assistant | Northern Arizona University

- Developed 5 programming assignments and created solutions to them in C++, Python, and Rust. Tutored students and answered questions about C++ course materials.

Undergraduate Student Researcher | Northern Arizona University

- Created and led professional development workshops for 100+ educators and faculty. Developed educational apps using Code.org for the Navajo Nation.

Technical Mentor | Northern Arizona University

- Facilitated and provided programming assistance for 40+ students creating video games using Game Jam and Construct 3

## Skills

Programming Languages

C++, Python, and Rust: Developed assignments and solutions in different programming languages as a Teaching Assistant

JavaScript, HTML, CSS: Creating educational apps and lesson plans for students and educators

Human-Computer Interaction (HCI)

Created simple apps and developed websites for educators and students from grades 7th-12th. Have implemented interactive lesson plans for engaging learning!

Healthcare Experience

My experience at HonorHealth for 3 years, as a Behavioral Therapist for 1 year, and as a Human Resource Intern for 1 year, has allowed me to work with patients and complex hospital systems.

## Other Interests

Visual Arts

In high school, I studied visual arts for 4 years. In college, I continued by studying Art 101 and Ceramics. Outside of school, I love to paint and use programs such as Abode Illustrator, MediBang Paint, and Clip Studio. I am also familiar with Blender.

Video Games

I love the visual storytelling in video games but I can spend hours in front of simulation survival games like Oxygen Not Included.

# Marco Castrita | Computer Science | Cottonwood, AZ

## Education

Highschool: Mingus Union High School

GPA: 4.0

Northern Arizona University

Relevant Course:

- CS 345 - Database system
- CS 440 - Software Architecture
- CS 480 - Operating Systems



## Work Experience

Lot associate | Walmart

- Keep the parking lot clean and free of cart, while filling in for any other position when needed.

Kitchen Leader/Back of House Manager| The Habit Burger Grill

- Keep track of inventory, manage the cash, ensure that health and safety laws are followed, manage a team of cooks and cashiers, follow conflict management steps when needed, and know how to cook and clean everything.

## Skills

Server Management

In both CS 386 and CS 440, for the group project I was in charge of managing a server that was able to store and query data from a database hosted on the server.

Programming

Through multiple higher-level classes, I have learned to code in c, c++, python, and javascript, in order to create web applications and local applications.

## Other Interests

3d Printing

In my free time I like to 3D print, as I like the process of designing parts in cad, and making them into real parts.

Electronic assembling

I am currently learning how to create circuit designs, and how to assemble electronic circuits on a breadboard.

Cooking

When I have time I like to make food, learn new recipes, and to see what food combinations work with each other.

# Zach Trusso | Software Engineering | Redondo Beach, CA

## Education

Highschool: Redondo Union High School

GPA: 3.4

Northern Arizona University

Relevant Course:

- CS386- Software Engineering
- CS440- Software Architecture
- CS345- Database Systems



## Work Experience

Teaching Assistant | Northern Arizona University

- Guided students through CS labs and answered questions about C code. Had office hours to help students with assignments: graded homework assignments and exams.

Consumables/Personal Shopper | Walmart

- Help customers find products they need. Stock and organize shelves. Create new features and endcaps. Shop for customers and deliver to vehicles.

## Skills

Programming

Experience coding in C, Python, and C++ in multiple upper-division classes. Also some basic C# experience making a 2D sidescroller game in Unity.

Interpersonal Skills

Through my different customer service jobs, I have learned how to properly deal with many different kinds of people. I have also learned how to effectively communicate in a team environment.

## Other Interests

Hiking

I enjoy going on new hikes with friends and family. One of my favorite places to hike is in Sedona, with my favorite hike being Westfork.

Video Games

I enjoy playing a few games in my spare time, including COD and puzzle games like Portal.