# Team Inventory

## SSDynamics

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Carter K. Chas D. Connor A. Charles D. Brian Donnelly

**Chris Ortiz**
 Senior Technologist, SSD Validation
 Western Digital Corp., Flash Business Unit

**John Lee**
Senior Director, SSD Validation
Western Digital Corp., Flash Business Unit

# 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.

# Connor Aiton

Phoenix, Arizona    ✉ cna93@nau.edu    📞 (480) 559 4255

## Education

BS    **Northern Arizona University:** Applied Computer Science
- **GPA:** 3.7
- **Relevent Coursework:** Computer Networking, Software Engineering, Operating Systems
- **Minor in Cybersecurity**

**Paradise Valley High School**
- **Relevent Coursework:** AP Computer Science A, AP computer science principles, A+

## Relevant Work/Project Experience

**Software Engineering Research Intern, Northern Arizona University**  (Feb. 2024 – Current)
- Novel Implementation of **Python Bots**, **GitHub Actions** and **MongoDB** to gamify learning how to contribute to open-source projects for both non-technical and new technical people, resulting in a deeper understanding of how to use **GitHub**.

**Game Server Bot**
- Instant game server solution implemented as a Discord chat bot in **Python** that uses **AWS Boto3** and **Terraform** to spin up servers.

**Meal Swipe Website**
- Led development of backend and infrastructure, ensuring robustness and support for critical functions.
- Proactively mentored other members who were new to GitHub to better utilize the platform

## Skills and certifications

**Programming Languages:** Python, Terraform, Bash, C/C++ (Familiar < 1 year)
**Technology:** Git/GitHub, Docker, AWS
**AWS Certified Solutions Architect -** Associate (HQSFC1EKV2B4Q59L)

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**Interests:** Pipeline automation (build/test/deploy), Cloud infrastructure and Security

**Other Interests:** Mountain Biking, Video Game/Game hosting, Off roading/Working on cars

# Carter Kaess

📍 Huntington Beach, CA    ✉ cak483@nau.edu    📞 714-585-9617

## Education

**BS**    **Northern Arizona University:** Computer Science
- **Relevent Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

**AS**    **Golden West College**, Computer Science
- **Relevent Coursework:** Intro to Computer Science, Data structures

## Projects

**Web Application**
- Created a web application with basic **JS**, **CSS**, and **HTML** that allowed users **CRUD** access to blog posts which can include an image, title and content.

**Portfolio Website**
- Created A basic portfolio website for my photography with simple navigation

## Skills

**Programming Languages:**
- C, and C++ ( 2 years each)
- MYSQL, JS, Python (<1 year each)

**Soft Skills:**
- Fluent typist
- Customer service

**Other Interests:** Camping, hiking, Mountain biking, photography, Computer Building/maintaining, video games, and FPV drone building/flying.

# Charles Descamps

📍 Sahuarita, Arizona   ✉ cmd644@nau.edu   📞 520-668-9790

## Education

**BS**   **Northern Arizona University:** Applied Computer Science
- **GPA:** 3.4
- **Relevent Coursework:** Software Engineering, Operating Systems, Database Systems
- **Minor in Cybersecurity**

**Walden Grove High School**
- **Relevent Coursework:** AP Computer Science Principles, AP Computer Science A

## Projects

**Super Simple Ticketing System**
- Used **Python** to create a connection between frontend and backend processes.

## Skills

**Programming Languages::**
- Python (3 years of experience)
- C/C++ (2 years of experience)
- Java (1 year of experience)

**Systems Administration:**
- Docker
- Debian
- Bash
- Virtualization

**other Technologies:**
- Git/GitHub
- Cloud Virtualization Platforms (AWS, DigitalOcean, Azure)

**Other Interests:** Selfhosting various services for family, video games, and building PCs/Servers

# Charles(Chas) Diaz

⚲ Phoenix, Arizona  ✉ chd63@nau.edu  ☎ 602-585-5633

## Education

**BS**  **Northern Arizona University:** Software Engineering
- **GPA:** 3.57
- **Relevent Coursework:** CS386(Software Engineering), CS460(Computer Networking), CS249(Data Structures), CS440(Software Architecture)(in progress)

**Thunderbird HighSchool**
- **Relevent Coursework:** AP Computer Science A, AP computer science principles

## Projects

**Workout Scheduling Website (cs386 Software Engineering)**
- Implemented the backend and middleware for a workout scheduling system, used **NodeJs**, **mySql**, and **Express.js**. Used **GitHub** for version control.

**Server/Client Chat Application**
- Created a chat application in **c** for multiple clients to chat to each other through a central server.

## Skills

**Programming Languages::**
- Python (Familiar < 1 Year)(One Class)
- C/C++ (Familiar > 1 year)(3 Classes)
- mySql (One Class)
- Javascript/html/css (Familiar > 1 year)(3 Classes)

**Technology:**
- Git/GitHub

**Interests:** Backend technologies

**Other Interests:** Working out, running, hiking/rucking, bouldering, and playing video games.