

Team Inventory

Sponsored by Dr. Kyle Winfree and Dr. Eck Doerry

Mentored by Han Peng



Members:

Anton Freeman, Halcyon de la Rosa, Karina Anaya, Keil Hubbard, Noah Olono

Overview:

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

Halcyon de la Rosa

Biography: Halcyon is a Computer Science major from Falls Church, Virginia.



Education:

- **Homeschooled** and dual-enrolled at **Northern Virginia Community College**
 - **GPA:** 4.0
- Northern Arizona University
 - **Relevant Courses:**
 - CS 386: Software Engineering
 - CS 345: Database Systems
 - CS 467: Software Assurance

Work Experience:

- **Collaborative Computing Lab:** Working using Django to make a website for managing grants for the Cooperative Ecosystem Studies Units.
- **HappyApps:** Made a professional signup form for a local soccer team using React and stored the data using the REST API.

Technical Skills:

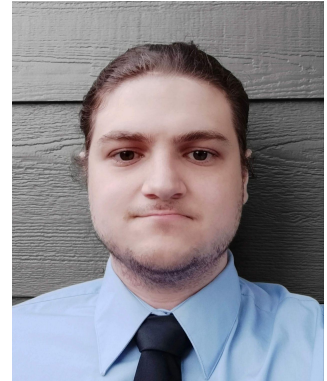
- **React:** Took a Udemy course on making websites using React and have since used it professionally.
- **Django:** Worked with Django both in classes and also professionally with the Collaborative Computing Lab.
- **SQL Databases:** Worked with SQL for class and am currently a TA for a database class using SQL.

Other Interests:

- **Tabletop RPGs:** Mostly *Dungeons & Dragons* with a bit of *FATE* and *Leverage*.
- **Writing:** Mostly creative writing either by myself or with friends.
- **Conferences:** Attended IOSDevCampDC for over 10 years.

Anton Freeman

Biography: Anton is from Mesa Arizona and is currently a computer science major at Northern Arizona University.



Education:

- **Heritage Academy High School**
 - **GPA:** 3.9
 - **Relevant courses:**
 - Intro to programming,
 - Advanced programming projects
- **Northern Arizona University**
 - **Relevant courses:**
 - CS 345: Principles of database systems
 - CYB 410: Secure Software
 - CS 465: Distributed Systems

Work Experience:

- **Heritage Academy High School I.T. student worker:** Worked on maintaining and upgrading school I.T. infrastructure. Specifically network hardware, system imaging, and deployment.

Technical Skills:

- **Web Development:** I have created and maintained a personal website as well as many other projects built using HTML, CSS, and javascript. Additionally I have taken a few web programming courses.
- **Basic Android App Development:** Some experience with android studio, which I used to create a simple to do list app.
- **Databases:** Experience with database systems mostly sql and its variants from my CS 345 and web development classes.

Other Interests:

- **Web scraping:** Specifically scrapping for form and table data from sites without api access.
- **Signal/Embedded Devices:** using low level C and assembly to interpret different electronic input. Purely theoretical as I have yet to get anything to work.
- **Cryptography:** Mostly simple implementations of public algorithms RSA, AES, ect.
- **Video Games:** I enjoy first person movement shooters and sandbox games and will often play with friends.
- **Model Building:** Building physical models of objects/concepts using various media like clay, plaster, wire, or cloth.

Keil Hubbard

Biography: Keil is an Applied Computer Science major and QA Engineer from Phoenix, Arizona



Education:

- **Corona Del Sol High School**
 - **GPA:** 3.2
 - **Relevant courses:**
 - Introduction to Computer Aided Design
- **East Valley Institute of Technology**
 - **Relevant program:**
 - Video Game Art & Design (C# Unity Development)
- **Northern Arizona University**
 - **Relevant courses:**
 - CS 345: Principles of database systems
 - CS 386: Software Engineering

Work Experience:

- **Lead Network Operations Technician - Blink Charging:** Remote management & troubleshooting of embedded linux systems.
- **QA Engineer - Blink Charging:** Testing, Reporting and Code-Review, Prepare "Release Notes" for internal & 3rd Parties. Currently developing a fully automated Electric Vehicle simulator.

Technical Skills:

- **Agile Development & Project Management:** Frequently publish bug-reports and feature requests for a multitude of projects, primarily in Atlassian Jira.
- **Technical Writing:** Responsible for writing the majority of process documentation for three separate departments, documents include SOPs, TSBs, and ECRs.
- **Microsoft Azure Cloud Services:** Commissioned and used multiple Azure Virtual Machines as persistent test environments.

Other Interests:

- **Video Game Modding:** Unreal Engine C++ / Unity C#, Specifically for simulators or other technical games like *Satisfactory*, *Kerbal Space Program* or *Cities: Skylines*
- **3D Sculpting (Z-Brush) for 3D Printing:** Usually for usable products like Raspberry Pi enclosures and custom PC mounting hardware.

Karina Anaya

Biography: Karina is from Imperial, California and currently attending Northern Arizona University majoring in Computer Science.



Education:

- **Imperial High School**
 - **GPA:** 3.5
 - **Courses:**
 - SkillsUSA in Computer Graphics
 - Advanced Computer Graphics
- **Northern Arizona University**
 - **Courses:**
 - CS 345 Database Systems
 - CS 399 Advanced Web Programming

Work Experience:

- **Website Development:** Created, designed, and deployed a new website/interface for a family-owned company.

Technical Skills:

- **Fitbit App development:** Fitbit Studio and app building for Fitbit products.
- **Database development:** Developed GUI App for database phpMyAdmin for a simulated university application environment.
- **Graphic Design:** Certification in Graphic Design with Imperial Valley Regional Occupational Program 2015

Other Interests:

- **Video Games:** I like to play video games in my free time to relax and to show me different kinds of artistic styles and storytelling to enjoy.
- **Dungeons and Dragons:** Playing D&D gives me a lot of creative freedom in character creation and role playing that I enjoy.
- **Drawing/Illustrations:** Either freelance or for personal enjoyment, I continue to work on my artistic skills and client interaction.

Noah Olono

Biography: Noah is from Mesa, Arizona and is majoring in Applied Computer Science with a minor in Business.



Education:

- **Red Mountain High School**
 - **GPA:** 3.0
 - **Courses:**
 - Advanced computer maintenance
- **Northern Arizona University**
 - **Courses:**
 - CS 212: Web Programming I
 - CS 386: Software Engineering

Work Experience:

- **Red Mountain High School I.T. Department:** In correlation with my advanced computer maintenance course I assisted in the maintenance of the school laptops which included updating and maintaining software as well as fixing the hardware.

Technical Skills:

- **Web Development:** I have experience in web development both front and back end from taking a couple web programming courses.
- **Project management:** I learned how to manage a project during my Software Engineering course.
- **Troubleshooting/bug fixing:** I have taken several courses that have allowed me to learn how to find bugs and figure out how to fix them.

Other Interests:

- **Video games:** one of my favorite past-times. It has given me a way to express my creativity. It has been a great way to expose myself to a variety of different stories, art styles, and other creative aspects that make up a game.
- **Outdoor activities:** I love hiking, camping, and just being outside in general. It allows me to be inspired by the world around me and motivates me to do other work.