

# Team Inventory

Ecolocation

Dr. Chris Doughty

Brenden Bernal, Chandler Hayes, Michael Hartzell, Anthony De La  
Torre

September 21, 2017



## Overview:

The purpose of this document is to introduce each team member and give a basic overview of each individual's skills and experiences.

# Brenden Bernal



## Biographical Info:

Major: Computer Science

Hometown: Tucson, Arizona

## Education:

High School: Pusch Ridge

College: Northern Arizona University

Courses taken (300 level and above):

- Computer Networks
- Software Engineering
- Mobile Application Development
- Advanced User Interfaces
- Software Testing

## Work Experience:

USGS:

- Working with ecologist to improve efficiency and functionality of their modeling software

## Skills:

- Familiar with basic app building and design
  - Experience with android studio and unity
  - Built apps in my mobile application class and my advanced user interface class
- Experience collaborating on large software via GitHub
  - Work with multiple people on USGS repos to collaborate and improve code
- Web Programming
  - Took a web programming class and created a couple of websites.

## Other Interests:

- Most of my time not spent working or in class is spent rock climbing. I spend my weekends at the crags or exploring the Flagstaff wilderness for new rocks and boulders.

# Chandler Hayes



## Biographical Info:

Major: Computer Science

Hometown: Tucson, Arizona

## Education:

High School: Marana High School

College: Northern Arizona University

Courses taken (300 level and above):

- Automata
- Principle of Languages
- Software Engineering
- Operating Systems

## Work Experience:

Lab Aide:

Teaching engineering and science majors how to program in MATLAB.

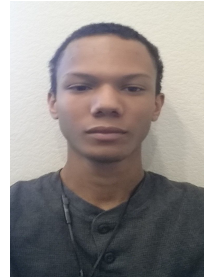
## Skills:

- Mobile Development
  - Basic knowledge in making a mobile application in Android Studio
  - Currently taking Mobile Development which will further my skill
    - Will also build an understanding in user interfaces in mobile apps
- Efficient in Java and MATLAB
- Familiarity in C, C++, and some Python
- Currently Taking
  - Databases
  - Computer Networks

## Other Interests:

My favorite hobby is cooking and discovering new recipes.

# Anthony De La Torre



## Biographical Info:

Major: Computer Science

Hometown: Santa Clarita, California

## Education:

High School: Golden Valley High School

College: Northern Arizona University

Courses taken (300 level and above):

- Automata
- Principle of Languages
- Software Engineering
- Principles of Database Systems
- Computers and society

## Work Experience:

No technical experience.

## Skills:

- Familiarity with tools such as GitHub and various IDEs
- Have experience with C, C++, Java, Python, and various other programming languages
- Working with groups on large long term projects
- Have knowledge with database systems by taking Principles of Database Systems

## Other Interests:

I like to go on long hikes and sit in nature.

# Michael Hartzell



## Biographical Info:

Major: Computer Science

Hometown: Phoenix, Arizona

## Education:

High School: Sunnyslope High School

College: Northern Arizona University

Courses taken (300 level and above):

- Principles of Database Systems
- Intro to Intelligent Systems
- Software Engineering
- Computers and Society
- Operating Systems

## Work Experience:

No technical experience

## Skills:

- Knowledge of multiple programming languages such as Java, C, and Python gained from classes and projects
- Experience using MySQL database management system on a group project
- Basic knowledge of HTML, CSS, and JavaScript which I am currently increasing in my web programming class
- Experience using GitHub on group projects

## Other Interests:

One of my favorite things to do is take my puppy, Morty, on walks because I love being out in nature. This also includes hiking, camping, and other fun outdoor stuff. I also really enjoy playing video games and movie/tv marathons are common at my house.