



## Team Inventory

2020-09-10

Bird's iView

Project Sponsor: David Plemmons

Project Mentor: Sambashiva Reddy Kethireddy

Team Members: Jordan Colebank, Jonas Dunham Jordahl,  
Chenhao Li, Tyler Riese

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.

# Chenhao Li



**Major:** Computer Science

**Hometown:** China

**Education:** Yangzhou University, GPA: 3.2

## **Institutions Studied At:**

Northern Arizona University

## **Relevant Upper-division Courses:**

- Software Engineering (CS386)
- Advanced Web Programming (CS399)

## **Work Experiences:**

All my work experience comes from the project in CS386.

## **Skills:**

- Web programming: I have learned HTML and Javascript in my previous course.
- Database: I am taking the CS345 Database System now and I learned MySQL in CS399.
- Project planning and software design: In CS 386 (Software Engineering) I worked with my team members and designed a mobile app which prevents people from impulse shopping.

## **Other Interests:**

I like playing computer games and I think it is cool to design software that can make people feel happy.

# Jordan Colebank

**Major:** Applied Computer Science

**Hometown:** Phoenix, AZ

**Education:** Desert Vista High School, GPA: 3.3



## **Institutions Studied At :**

Northern Arizona University

San Diego State University

## **Relevant Upper-division Courses:**

Software Engineering (CS386) (currently enrolled)

Principles of Database Systems (CS345) (currently enrolled)

## **Work Experiences:**

No outside work experience involving computer science other than labs and projects from previous classes

## **Skills:**

- **Communication skills:** from working with lab partners, to various jobs in retail, I have good communication skills.
- **Object-oriented programming:** After taking CS136 and CS310 at SDSU (which is equivalent to CS249) I have a basic understanding of how object oriented programming works
- **Web programming:** I have taken CS212 that has taught me basic HTML/CSS and javascript skills

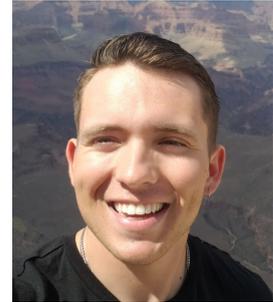
**Other Interests:** I like to skateboard, play video games, and hangout with my cat named Toothless (from How to Train Your Dragons). I also built a simple program that will tell you your astrological sun sign given your birthday, if that tells you anything about me.

# Tyler Riese

**Major:** Applied Computer Science

**Hometown:** Maricopa, Arizona

**Education:** Mountain Pointe High School, GPA: 3.29



## **Institutions Studied At:**

Northern Arizona University

## **Relevant Upper-division Courses:**

Software Engineering (CS 386)

Open Source Software (CS 499) (currently enrolled)

Principles of Database Systems (CS 345) (currently enrolled)

## **Work Experiences:**

No professional experience in the computer science world. Bulk of experience from classes.

## **Skills:**

- **Communication:** I have worked in group environments both in and out of school, both through low end jobs and being part time military.
- **Leadership:** I have finished the entirety of the Northern Arizona University ROTC program, and have been enlisted in the Arizona national guard for four years. I know how to conduct and lead myself in a professional environment and how to properly treat my superiors and peers in a respectful manner.
- **Object Oriented Programming:** I have taken CS 249 and am most experienced with the java programming language.

**Other Interests:** A massive geek at heart, I love most things pop culture, love playing video games with my boys, and making things with my hands.

# Jonas Dunham Jordahl



**Major:** Computer Science

**Hometown:** Waunakee, WI

**Education:** Waunakee High School, GPA: 3.3

## **Institutions Studied At:**

Northern Arizona University

## **Relevant Upper-division Courses:**

- Computer Graphics (CS430)
- Operating Systems (CS480)
- Principles of Database Systems (CS345)

## **Work Experiences:**

- *Undergraduate Researcher, NAU/AFRL Partnership*
  - Implementation of published algorithms related to increasing the computational diversity of microprocessors by periodically changing the encodings and decodings of instructions based on a PUF (practically unclonable function).
- *Undergraduate Researcher, NAU IoT Research Lab*
  - Used OpenCV to build a simple and efficient tracking system for moving objects using a naive detection algorithm suitable for the limited hardware of embedded devices (a Raspberry Pi, specifically)
- *UI Developer, Deckers Outdoors*
  - Worked on the UI team to perform content flips between varying Salesforce architectures, created new landing pages based on specifications from product owners, and thrived within an Agile development environment.

## **Skills:**

- **Communication:** I've been a teaching assistant for over a year, so I have been able to hone my technical communication skills with other people, and have also worked in several different professional teams where communication was critical.
- **Determination:** Because tech rapidly changes from day to day, I have become accustomed to efficiently learning the fundamentals of any given technology so I can quickly apply the technology and gain its specific benefits.

## **Other Interests:**

When I'm not staring at a screen, I do a ton of climbing, along with some backpacking, biking, snowboarding, and ultrarunning.