



Team Inventory

Team Osiris

2020-09-16

Sponsored by Scott Akins and Trent Hare

Advised by Fabio Santos

Daris Dumel

Evin Dunn

Milton Ibera

Rebecca Leggett

Sara Huber

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.

Evin Dunn

Major: Computer Science

Hometown: Milwaukee, WI



Education

- Wauwatosa East High School
- Milwaukee Area Technical College
- Northern Arizona University
 - CS 399: Advanced Web Programming
 - CS 345: Principles of Database Systems
 - CS 386: Software Engineering

Work Experience

- Strattec Security Corporation: Basic IT and Python scripting tasks for desktop and server support.
- U.S. Department of Interior: Server administration, database administration, and DevOps for the Astrogeology Science Center.
- Biodiversity Outreach Network: Web development, server administration, and database administration for one of the world's largest arthropods databases.

Skills

- Python development and scripting: Working with both Strattec and Astrogeology, I've developed a large number of Python scripts that automate server administration tasks.
- Full stack Javascript: For Biodiversity Outreach Network, I've developed sites that use both Angular and ReactJS on the frontend and Express/NodeJS on the back end.
- Database Administration: For Astrogeology I've done a lot of database setup and migrations for MySQL, MariaDB, Postgres, and MongoDB.
- Containers: At Astrogeology my primary job is managing Kubernetes clusters and migrating traditional web applications to containers that run on those clusters.

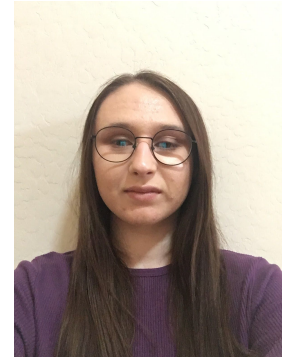
Interests: When not working, I enjoy playing strategy computer games and going on hikes with my wife. I'm passionate about social justice and am fascinated by world history, particularly the Roman Empire and the 11th century Norman conquest of England.

Sara Huber

Major: Computer Science

Minor: Studio Art

Hometown: Surprise, AZ

**Education**

- Imagine Prep Surprise High School
 - GPA: 4.0
- Rio Salado College
- Northern Arizona University
 - CS 345: Principles of Database Systems
 - CS 386: Software Engineering

Work Experience

- N/A

Skills

- Python development: I learned to use this language in the first CS course I took and it has remained one of the easiest to work with.
- Web development: I have completed front-end and back-end development for a semester-long project of adding on to my own individual website.
- Agile: Many of my courses have had me work in groups and utilize the Agile methodology to produce deliverables, especially in CS 386.

Interests: In my free time, I enjoy playing video games, especially of the fantasy-RPG genre. I also like to read, cook, and spend time with my family. I have wanted to get into the game design field for quite a while, and after receiving my diploma, I hope to pursue that dream overseas in the UK (I have particularly been looking to head to Scotland).

Darius Dumel

Major: Computer Science

Minor: Mathematics

Hometown: Tucson, Arizona



Education

- Tucson High Magnet School
- Pima County Community College
- Northern Arizona University
 - CS 386: Software Engineering
 - CS 345: Principles of Database Systems
 - CS 499: Open Source Software

Work Experience

- KJACK Student Radio: Android Studios Mobile Developer, Website Manager
- Undergrad Research for Dr.Morgan Vigil-Hayes: Android Studios Mobile App Developer.

Skills

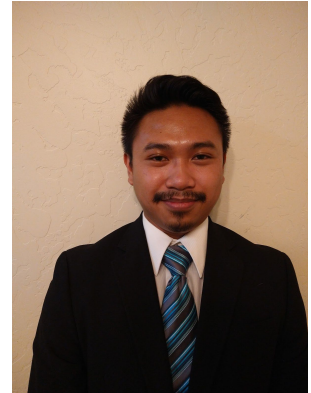
- Front end and back end mobile development: First learned working for KJACK Radio and then developed more while taking Mobile Development and Advanced Mobile Development here at NAU.
- User interface design: Have designed functional and elegant user interfaces for CS212, Advanced Mobile Dev and KJACK Radio using Java, XML, HTML and CSS.
- Database Administration: learned how to work with databases in CS212 and developed skills in CS345 to be able to design, deploy and manage databases in MySQL.

Interests: My interests mostly revolve around artistic activities such as acrylic painting, collaging, sketching, and playing guitar. I also love music and will almost always be deep diving on an album. I also appreciate taking my life outdoors either by hammocking or skateboarding.

Milton Ibera

Major: Computer Science

Hometown: Pearl City

**Education**

- Pearl City High School
 - GPA: 3.5
- Northern Arizona University
 - CS 386 Software Engineering
 - CS 499 Open Source Software Development

Work Experience

- N/A

Skills

- In CS 386, it taught me how to use agile to stay organized and on task to put out a minimum viable product as well as coordinate with my group.
- I learn front end and back end user interface when creating a personal website in web programming.
- Front end and back end mobile development from CS 399 when creating a food app that shows a user list of restaurants they can choose from and at the back end storing all the restaurants in the area in a list.

Interests: In my spare time, I like to hang out with friends and play games. I love to play board games of any type but my favorites are strategy games with aspects of fantasy in them one example is a game called Munchkin marvel edition. I also love to watch a lot of movies, tv shows and anime. I try to always try new things at least once and especially new food.

Rebecca Leggett

Major: Computer Science

Minor: Photography

Hometown: Kingman, AZ

**Education**

- Kingman Academy of Learning High School
 - GPA: 3.979 unweighted
- Mohave Community College
- Northern Arizona University
 - CS 399: Advanced Web Development
 - CS 386: Software Engineering
 - CS 497H: Independent Study - Honors (robotics project)

Work Experience

- US Geological Survey: Astrogeology - Student Contractor (Web Development): Modified and worked with existing websites in Python, Javascript, html, CSS, and PHP.
- Northern Arizona University - Computer Science 136L TA (Java): Taught programming concepts and Java to lab students
- IT Assistant - Leggett Engineering: Updated and installed software, and troubleshooted and solved technical issues.
- Technology Internship - Kingman Academy of Learning: Replaced old computers, updated and installed software, and set up computers for students and staff.

Skills

- Web Development: I have worked with both front end and back end development for websites in Python, Javascript, html, CSS, and PHP while working at USGS Astrogeology and in Advanced Web Development.
- Python: I have experience with programming in Python for websites at USGS, and have programmed in Python for CS 126 and a few small personal projects.
- Java: I worked as a TA for CS 136L for three semesters and have also worked with Java on small personal projects.

Interests: In my free time, I enjoy hanging out with friends, playing video games, and playing guitar. I also enjoy photography and will take my camera with me whenever I go on hiking trips with friends.