

Operation Dark Sky  
Team Inventory  
February 2nd, 2022

Sponsored by Jim Clark, Peter Kurtz, and Henrique Schmitt  
Mentored by Anirban Chetia and Tomos Prys-Jones

The focus of this team inventory document is to introduce the members of our team. The following pages will go over each individual presenting their background, their education/training, and any relevant skills they bring to this project.

**Justin Ceccarelli**  
(jac2524@nau.edu)

**Major:**

Computer Science

**Hometown:**

Phoenix, Arizona



**Education:**

Graduated from Pinnacle Highschool with a 4.05 GPA. Attained Associates of Science at Paradise Valley Community College. Now pursuing Bachelors of Science in Computer Science at Northern Arizona University

**Relevant Coursework:**

CS 345 - Database Systems

CS 386 - Software Engineering

CS 312 - Advanced Web Development

**Work Experience:**

Website Developer for DZKZ Real Estate. Worked with the owners to create and design their site.

**Skills:**

- Research and Development - experience with learning new languages, libraries and algorithms in diverse settings
- Databases - Built and Modified a MySQL database. Through python I was able to populate and modify the database with any necessary data
- Data Structures - Have a lot of practice with initializing, populating and modifying data structures. Such data structures I've used are BST, linked lists and doubly linked lists.
- Web Design - experience with building and designing websites for many different uses. Some websites I've created are for Real Estate Agency, Personal Profile, and Recipe Product I created

**Jordan Tatum**

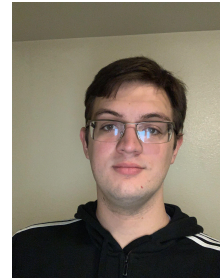
([jmt528@nau.edu](mailto:jmt528@nau.edu))

**Major:**

Computer Science

**Hometown:**

Kingman, Arizona

**Education:**

Graduating from NAU with a bachelors in computer science in december 2022.

**Relevant Coursework:**

CS480 - Operating Systems

CS 386 - Software Engineering

CS315 - Automata Theory

**Work Experience:**

Shift leader for Starbucks and Dollar General.

**Skills:**

- Coding - experience with languages such as C, C#, C++, Python, Java, PHP, HTML, Javascript.
- Version Control - maintaining consistency and iterative refinement of software projects.
- Testing - ensuring proper function and discovering bugs.
- Software design - effective utilization of programming principles such as modularity, coupling and cohesion, and documentation (comments).
- Databases - architecture and creation (SQL)

**Luke Thompson**

(lt574@nau.edu)

**Major:**

Computer Science

**Hometown:**

Lombard, Illinois

**Education:**

Graduated from Awty International High School with an IB diploma.

Attended college at Rose-Hulman, Arizona State University, and NAU.

**Relevant Coursework:**

CS 345 - Database Systems

CS 386 - Software Engineering

CS 450 - Introduction to Parallel Programming

**Work Experience:**

Document control specialist at W.L. Gore - Worked as part of a team reviewing medical documentation for re-submission to a medical board.

**Skills:**

- Learning New Languages - transferring into the computer science program has required me to quickly learn multiple new programming languages, including python, javascript, and C over a short period of time.
- Data Structures - I have experience writing consistent, readable code for managing complex data structures
- Presentation and Public Speaking - I am a confident public speaker and communicator