



# Team Inventory

September 29, 2021  
Fossilized Containers  
Dr. Nicholas McKay  
Melissa D. Rose

Jadon Fowler  
Jeremy Klein  
Emily Ramirez  
Mumbi Macheho-Mbuthia

Overview: The purpose of this document is to briefly introduce the members of our team

# Emily Ramirez



**Major(s):** Computer Science

**Hometown:** Goodyear, Arizona

<b>Education</b>	<p><u>High School:</u> Desert Edge High School, GPA: 3.85</p> <p><u>Institutions:</u></p> <p>Northern Arizona University,</p> <ul style="list-style-type: none"><li>• CS 345 Database Systems</li><li>• CS 450 Parallel Programming</li><li>• CS 480 Operating Systems</li></ul>
<b>Work Experience</b>	<p><b>High Performance Computing (HPC) Intern -</b> Lawrence Livermore National Laboratory</p> <ul style="list-style-type: none"><li>• Explored lightweight Kubernetes solutions and automated installation of CentOS8 using Ansible on computing clusters</li></ul>
<b>Skills</b>	<ul style="list-style-type: none"><li>• Linux</li><li>• Containerization</li></ul>
<b>Other Interests</b>	<ul style="list-style-type: none"><li>• Design - A partial hobby of mine has been graphic design, photomanipulation and I am trying to improve my drawing skills. Simply put, I like making stuff look nice.</li></ul>

# Jeremy Klein



**Major(s):** Computer Science

**Hometown:** Scottsdale, Arizona

<b>Education</b>	<p><u>High School:</u> Chaparral High School, GPA: 3.49</p> <p><u>Institutions:</u></p> <p>Northern Arizona University,</p> <ul style="list-style-type: none"><li>• CS386, CS480, CS465</li></ul>
<b>Work Experience</b>	<p><b>Project Manager - Page Optimizer Pro</b></p> <ul style="list-style-type: none"><li>• Recruited and met with a software engineer to build software for a web based application as well as oversaw most of the project</li></ul>
<b>Skills</b>	<ul style="list-style-type: none"><li>• Intermediate experience programming in Python, Java, HTML, and several other languages</li></ul>
<b>Other Interests</b>	<ul style="list-style-type: none"><li>• The Environment - For the past year and a half I have been interested in helping to save the environment and making a difference</li><li>• Web programming - After taking CS212 and CS465 I gained interest in coding the back end of web applications and servers.</li></ul>

# Jadon Fowler

**Major(s):** Computer Science

**Hometown:** Jacksonville, Florida



<b>Education</b>	<p><u>High School:</u> Vista del Lago High School, GPA 3.3</p> <p><u>Institutions:</u> Northern Arizona University, • CS 480, CS 421, CS 386</p>
<b>Work Experience</b>	<p><b>Software Engineer - Moonsworth, LLC.</b></p> <ul style="list-style-type: none"><li>• Leading architectural design of large scale Java applications serving 1,000,000 unique monthly users</li></ul> <p><b>Software Engineer - Voldex, Inc.</b></p> <ul style="list-style-type: none"><li>• Java Developer &amp; Linux SysAdmin creating &amp; deploying highly available servers</li></ul>
<b>Skills</b>	<ul style="list-style-type: none"><li>• Expert in Java and building concurrent, reliable services</li><li>• Intermediate experience with Rust, C, and various other languages and libraries</li></ul>
<b>Other Interests</b>	<ul style="list-style-type: none"><li>• Audio Engineering, Music Production</li><li>• Quantum Computing</li><li>• Astrophysics</li></ul>

# Mumbi Macheho-Mbuthia

**Major(s):** Computer Science

**Hometown:** Surprise, Arizona



<b>Education</b>	<p><u>High School:</u> High School GPA: 3.5</p> <p><u>Institutions:</u> Northern Arizona University, <ul style="list-style-type: none"><li>● CS 345, Database Systems</li><li>● CS 480, Operating Systems</li><li>● CS 499. Unsupervised Learning</li></ul></p>
<b>Work Experience</b>	<p><b>Undergraduate Research</b></p> <ul style="list-style-type: none"><li>● scheduling solution in Ruby on Rails with PostgreSQL backend</li></ul>
<b>Skills</b>	<ul style="list-style-type: none"><li>● Intermediate experience with Python, R, Bash</li><li>● Familiar with AWS systems</li></ul>
<b>Other Interests</b>	<ul style="list-style-type: none"><li>● 2D Art, beginner but actively improving</li><li>● Troubleshooting, understanding and solving problems</li></ul>