Team Inventory

2/20/2025

WillowWatt

Capstone - WillowWatt

Team Members:
Ayla Tudor
Elliott Kinsley
Luke Bowen

Sponsor - OP Ravi, Director of Energy Transformation, Willow Inc.
Mentor - Jeevana Swaroop Kalapala

Overview:

This document serves the purpose of briefly introducing each member of the team. The following pages briefly cover the skills and relevant experience of each team member.

Luke Bowen

Major - Software Engineering

Hometown - Farmingdale, Maine

Education:

- Paradise Honors High School - Surprise, AZ
    - 3.7 GPA
- Northern Arizona University
    - Relevant Coursework:
        - Artificial Intelligence
        - Software Project Management
        - Computer Networks

Work Experience:

- Cives Steel Company
    - Contributed to Fenway Stadium overpass in Boston, MA working directly with project managers.

Skills:

- Full Stack Web Development
    - Advanced understanding of frontend, backend, and database development through multiple hands-on projects through university.
- DevOps Tools
    - Familiarity with common industry tools such as Docker and Git, through usage for larger academic projects.

Other Interests:

- Outdoors activities (hiking, camping, fishing, etc.)
- Playing guitar

Ayla Tudor

Major - Applied Computer Science

Hometown - Phoenix, Arizona

Education:
- Arizona School for the Arts - Phoenix, AZ
  - Relevant Coursework:
    - Environmental Science Capstone
- Northern Arizona University
  - Relevant Coursework:
    - Artificial Intelligence
    - Software Project Management

Work Experience:
- Preferred Funding, Inc.
  - Contributed to marketing and community outreach efforts, honing skills in design and public interaction.
  - Worked closely with stakeholders to ensure effective communication and outreach strategies.

Skills:
- Full Stack Web Development
  - Proficient in frontend and backend development, including building dynamic applications with React and integrating backend APIs.
- DevOps Tools
  - Experienced with Docker and Git for version control.

Other Interests:
- Arts(drawing, playing instruments, crafting, etc.)
- Reading

Elliott Kinsley

Major - Computer Science

Hometown - Prescott Az

Education:

- High School degree – PHS
- Pursuing undergraduate in computer science

Work Experience:

- 5+ years in industrial HVAC
- 3+ years for Safeway
- Work in research labs

Skills:

- Coding in C++, C and python
- Algorithms and Optimization
- Robotics including computer vision and AI

Other Interests:

- Snowboarding, Hiking, Basketball.