

BRYCE VERBERNE

CS UNDERGRAD AT ASU | NASA L'SPACE MCA ALUMNI bryceverberne@gmail.com github.com/BryceVerberne linkedin.com/in/bryce-verberne

480-242-0190

bryceverberne@gmail.com

github.com/BryceVerberne

linkedin.com/in/bryce-verberne

SUMMARY

Computer Science major at Arizona State University specializing in Software Engineering, with an Associate's degree from Scottsdale Community College. Proficient in Java, C/C++, JavaScript, and Python. Demonstrates extensive experience in leadership and team collaboration, evidenced by roles as Deputy Project Manager at NASA L'SPACE MCA and Technology Instructor for primary and secondary education.

PROFESSIONAL EXPERIENCE

Software Engineer Sun Devil Satellite Lab

Apr 2024 - Present

Focuses on developing and testing flight software onboard the satellite and ground software at ASU for the Coconut CubSat project. Works within an Ubuntu environment, using FreeRTOS with the Raspberry Pi Pico SDK, primarily written in C and C++.

DPMR & Hardware Engineer NASA L'SPACE MCA

Jan 2024 - Apr 2024

Led a 12-member team as DPMR to develop a Mars rover mission concept, managing resources and coordinating cost, timeline, and risk management. Directed the design of resilient telecommunications and data systems for Martian conditions as a Computer Hardware Engineer.

Technology Instructor Generation Tech Support

Oct 2022 - Jan 2023

Taught comprehensive programming, networking, and algorithms curriculum to primary and secondary students. Managed classrooms of up to 30, mentoring learners and enhancing their technical skills for future challenges.

EDUCATION



Bachelor of Science - BS, Computer Science

2023 - 2025 | GPA: 3.9
Arizona State University



Associate of Science - AS, Computer Science

2021 - 2023 | GPA: 3.9
Scottsdale Community College

SKILLS

- Leadership
- Project Management
- Team Collaboration
- Agile Methodologies
- Data Structures
- OOP Principles
- Version Control Systems
- Embedded Systems

LANGUAGES

Java
C/C++
Python
JavaScript