Nikolas Martell

nikomart3@proton.me | 623-312-4230 | Tucson, Arizona | He/Him

EDUCATION

Software Engineering (BS)
University of Arizona
3.0 GPA
Focus on Artificial Intelligence, Biomedical
Informatics, and UI/UX

08/2021 – 05/2025
Tucson, Arizona

SKILLS

AI
Informatics
Data Science
Coding
C, C++, Python, Java, HTML5, JavaScript, R
Firmware

UML
UI/UX
Leadership
DevOps
Microsoft Suite

PROFESSIONAL EXPERIENCE

REAL Work
University of Arizona
A program by the University of Arizona to conduct research and introduce STEM
topics, such as problem solving, to students at surrounding High Schools.

09/2022 – 5/2024
Tucson, Arizona

Resident Assistant
Lead Resident Assistant
University of Arizona
Creating and nurturing a community of students living in a dorm by enforcing policy,
promoting campus resources, and executing community events such as tabling to
assist freshmen in University navigation.
Currently a Lead Resident Assistant; managing 18 Resident Assistants by managing
team logistics, setting tasks for sub-groups, and communicating feedback to
Community Directors.

01/2022 - 05/2024
08/2024 – Present
Tucson, Arizona

ORGANIZATIONS

Engineering Mentorship
Engineering Leadership Community Mentor
Meeting with students in the community, helping them find their place in the
university, and directing them to the university's resources.

08/2022 – 05/2023
Tucson, Arizona

PROJECTS

Digital Engineering Factory (DEF)
Created the homepage directory website for an integrated suite of systems and
software engineering tools that support Digital Engineering across the
system/software life cycle. The DEF is used by students in several engineering
courses.

09/2022 – 05/2024

Explore AZ
Developed a website in HTML, JavaScript, and CSS to share information about
Arizona and its attractions to visitors

03/2024 – 04/2024

Advanced Fluidics for Cancer Diagnostics
Controlling and automating the process of dispensing and draining fluids on medical
slides for diagnostic purposes developed in collaboration with Roche.

08/2024 – Present

ChatCat AI
An AI assistant to help users learn about Software Engineering at the University of
Arizona by answering questions related to the program.

03/2024 – 04/2024