Karina Solis

Software Engineer/IT Support/Programmer
karinafsolis55@gmail.com – solisk3@my.erau.edu

GitHub:
github.com/KarinaTheCorgi

Personal Website:
krnthec.org

WORK EXPERIENCE

Embry–Riddle Aeronautical University, Prescott, AZ — *Student Worker: IT Desktop Tech*

AUG 2023 - PRESENT

- Provided Tier 1 IT support in Agile environments, resolving hardware/software issues
- Managed tickets and assets using TeamDynamix (TDX); documenting resolutions
- Handled BIOS configuration, PXE imaging, and routine maintenance
- Assisted with lab system replacements, and software installs
- Ensured secure data handling and hardware retirement compliance

MindHome Inc., Remote — *Software/AI Development Intern*

JAN 2023 - MAY 2023

- Worked with ROS (Robotic Operating System) and integrated with Gazebo (simulation software)
- Used unix, python, and C++ to simulate robotic operations, including movement/pathing

EDUCATION

Embry–Riddle Aeronautical University, Prescott, AZ — *Pursuing Bachelors of Science in Software Engineering*

AUG 2022 - MAY 2026 (EXPECTED), GPA: 3.5

Relevant Coursework: CS 225 (C++), CS 315 (Data Structures/Analysis of Algorithms). CS 317 (Files/Database Systems), CS 420 (Operating Systems), SE 320 (Software Construction), CEC 322 (Microprocessors), CEC 450 (Real-Time Embedded Systems), CS 415 (Human–Computer Interfaces)

PROJECTS

SnakeGame in C++ — Team Lead, Software Developer
- Composed/documented coding conventions in Software Style Guide
- Utilized .NET framework to create a GUI to play Snake in C++

Major Us City Population Data Web App — Developer
- Used Streamlit framework to create a web app
- Used Github workflows to showcase web app deployment status
- Streamlined deployment process using Docker builds

Personal Website — Developer/Designer
- Created CSS/JS/HTML content for website content
- Used responsive web design practices

SKILLS

Microsoft Office (and Google counterparts)

Linux/UNIX

Python

Java

C/C++

SQL

APIs

JavaScript

AWARDS

Chancellor's Scholarship

Women of Excellence

Dean's List