ANGELICA AVILA

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SKILLS & ABILITIES

- Proficient in C/C++, Python, Java, C#, SQL, VHDL, MATLAB, Assembly
- Development with Linux, Multi-threaded programing, RTOS, OOP,
- Familiar with SPI, UART, I2C protocols
- Experienced in GitHub, Microsoft Azure, Visual Studio, VS Code, CCS, Quartus
- Debugging, troubleshooting, and code validation

EXPERIENCE

Python Intern   May '22 – Aug. '22
Flapmax, Remote

- Designed, implemented, and maintained software solutions using Python and Microsoft Azure.
- Conducted database development and optimization using PostgreSQL (PSQL) for efficient data management.
- Integrated and customized CRM modules under Dynamics 365 to meet business specifications.

Cybersecurity Intern   June '21 – Aug. '21
Miami-Dade County ITD, Remote

- Collaborate with cybersecurity professionals to analyze security data, investigate incidents, and respond to security breaches or threats in a timely manner.
- Support the implementation and maintenance of security protocols, procedures, and tools to enhance the organization's overall security posture.

EDUCATION

B.S. in Computer Engineering   May 5, 2023
University of Florida, Gainesville, FL
GPA: 3.2

Notable courses: *Programming Fundamentals 1 & 2, Data Structures and Algorithms, Operating Systems, Circuits 1, Digital Logic, Digital Design, Microprocessor Applications 1&2, Software Testing & Verification*

EMPLOYMENT HISTORY

Substitute Teacher   Sep. '23 - Present
Kelly Education Services, Miami, FL

- Foster a positive and conducive learning environment by managing classroom behavior and ensuring student engagement and participation.
- Maintain classroom order and discipline while following school policies and procedures.
- Display flexibility and readiness to adjust to varying teaching environments, subject matters, and instructional materials as required.

Delivery Expert
Domino's Pizza, Gainesville, FL   Mar. '23 – Aug. '23

- Deliver pizzas timely and safely to customers while obeying traffic laws and company policies.
- Provide exceptional customer service by ensuring order accuracy, addressing inquiries, and resolving any concerns or complaints promptly.

Student Teaching Assistant   Aug. '22 – May '23
University of Florida CISE Department, Gainesville, FL

- Facilitate learning by conducting discussion sessions to supplement course material under the guidance of the professor.
- Provide academic support by helping students debug code and understand abstract concepts.
- Assist in grading assignments, exams, and projects while adhering to grading rubrics.