Eyad Nazir

Houston, TX 77082 | 832-450-2013 | Eyadakn2017@gmail.com | http://linkedin.com/in/eyad-nazir

EDUCATION

Texas A&M University   **College Station, TX**
B.S. Computer Engineering   *Graduation Date: Dec 2024*
- 4.0 GPA
- Key Coursework: Data Structures and Algorithms, Digital System Design, Computer Architecture, Computer System and Network Programming, Computer Security Concepts

WORK EXPERIENCE

Siemens USA   **Grand Prairie, TX**
ELDP (Engineering leadership Program) Software Engineering Intern   *05/2023 to 08/2023*
- Optimized system performance by integrating new devices into an advanced innovative API for Breaker digital twin, enabling real-time monitoring and control while achieving over 30% in performance improvements.
- Developed and implemented a comprehensive project plan for the Tesla breaker conversion project, resulting in a 20% reduction in retrofitting efforts and improving overall efficiency by 15%.
- Utilized word cloud insights generated from the NLP model to prioritize product improvement initiatives, resulting in a 25% reduction in customer complaints by related to circuit breaker functionality.

Royal Carriages Limousines   **Houston, TX**
IT Systems Administrator   *10/2019 to 07/2020*
- Managed, troubleshot, backed up and restored data, operating systems, files, documents and drivers to provide comprehensive systems management and support.
- Developed an algorithm that optimized storage space for 200K records while preserving retrieval speed of 0.2 seconds per query.

PROJECT EXPERIENCE

Quadcopter Drone project   **College Station, TX**
Software and Digital Design Engineer   *05/2022 to Present*
- Designed the drone's flight control circuit board (microcontroller, sensors, actuators)
- Developed drone navigation software (GPS, sensors, mapping, localization integration)
- Designing and maintaining drone control software (flight, navigation, sensor systems)

DNS Sinkhole Project   **College Station, TX**
Software/Network Engineer   *08/2023 to 08/2023*
- Designed and implemented a DNS sinkhole solution on a Raspberry Pi, effectively blocking malicious domains and enhancing network security.
- Showcased problem-solving skills by developing automated scripts to update and maintain a comprehensive list of blacklisted domains, ensuring continuous protection against malicious web traffic.

University of Houston, NAE (National Academy of Engineering)   **Houston, TX**
Team Lead   *01/2021 to 05/2021*
- Developed satellite data processing program to identify failure points, enhancing launch success and maintenance efficiency.
- Optimized orbital conditions, minimizing space debris, improving cost-to-performance ratio.

SKILLS & HONORS

Skills: Utilizing Data structures for optimization, Java, C, C++, C# .NET, Python, Verilog, VHDL, SQL, Assembly, HTML, R, Linux Shell Scripting, Knime, Tableu, Software Development, Statistics, Probability, Data analytics, Machine Learning, design verification (FPGA), Microsoft Office Applications, Go, Node.js, Ruby, Lua, Swift, LTspice, MultiSim.

Awards and Achievements: *Aggie Engineering Grant, Aggie Assurance Supplement Grant*, *Federal SEOG Grant,* Perfect Score on Math A-level IGCSE course from Cambridge, Dean's Honor List.

Languages: English & Arabic (Fluent), French (Basic)