

Enrique Carbonell Enriquez
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SUMMARY

Recently Computer Engineering graduate with a strong foundation in software development and hardware design, with expertise in C Programming and Full-Programmable Gate Arrays (FPGAs). Experienced in firmware development, with a track record of enhancing the functionality of embedded systems. Additionally, possess a keen understanding of Machine Learning applications for data-driven insights and predictive model development, while also holding proficiency in cybersecurity applications, encompassing digital forensics, intrusion detection, and incident response.

The University of Texas at San Antonio

2019 - 2023

Bachelor of Science, Computer Engineering

- Recipient of Dean's List Academic Achievement Award 2021
- Minor in Cybersecurity

TECHNICAL EXPERTISE

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|-----------------|-------------|-------------------|-------------|
| • C Programming | • Verilog | • SQL | • Git |
| • C++ | • Virtuosos | • RESTful API | • Python |
| • C# | • FPGA | • Microsoft Azure | • .NET Core |

PROFESSIONAL EXPERIENCE

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

March 2021 – December 2023

TECHNOLOGY SUPPORT SPECIALIST

- Assessed UTSA's faculty, staff, and student technology needs both remotely and in person.
- Promoted and maintained positive customer service while resolving their issues in less than 15 minutes over the phone.
- Provided support to network, application access, reimaging, computer hardware, software, and printing services.
- Resolved over 8500 customer support cases in a two-year span.

KENPEI CONSULTORES

May 2023 – August 2023

BACKEND DEVELOPER INTERN

- Developed .NET WebApp application that optimized records and submissions for the company's invoices to the Mexican government.
- Integrated Microsoft Azure and REST API services to successfully connect to SQL database.
- Reinforced the brand by redesigning the corporate identity and executing online marketing campaigns.
- Utilized C# to perform logic and validations of the specific requirements assigned.
- Facilitated the company's way of producing invoices and achieved 90% productivity.

RELEVANT PROJECTS

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

August 2022 – May 2023

WM SOLUTIONS – SENIOR DESIGN PROJECT

- Collaborated within a team of three students to conceptualize, design, and implement an Internet of Things (IoT) Water Meter.
- Developed a system capable of transmitting and retrieving data to and from an API, which in turn forwarded the data to a centralized database, culminating a user-friendly web interface designed to display this data.
- Utilized Microsoft Azure to establish seamless connectivity to cloud-based services and integrated a Raspberry Pi into the system, ensuring the efficient reception and processing of this valuable information.

CERTIFICATIONS

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

December 2023

CERTIFICATE IN ARTIFICIAL INTELLIGENCE

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

December 2023

CERTIFICATE IN COMPUTER PROGRAMMING FOR ENGINEERS