CHRISTOPHER R. ZAVALA

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OBJECTIVE:
To gain employment with a progressive and forward-thinking company where I can utilize and further enhance my knowledge in the field of electrical/software/systems engineering.

EDUCATION:
The University of Texas at San Antonio
Bachelor of Science in Electrical Engineering, graduated August 2010

COMPUTER SKILLS:
Programming Languages: C, C++, JavaScript, Assembly, Verilog, VHDL, Python
Hardware: Oscilloscopes, Logic Analyzers, Function Generators, Multimeter, Protocol analyzers, Spectrum Analyzers

EXPERIENCE:
Intel Corp, Austin, TX
Platform Support Technician, July 2021 – September 2022
- In-depth familiarity with Intel computer/server hardware architecture.
- Assembling various computer systems using various hardware components.
- Debugging issues in the computer systems to have these systems functioning for engineers.
- Socketing CPUs for different platform configurations.
- Test and measurement equipment to perform quick checks with oscilloscopes, logic analyzer, network analyzers, power meters and associated probes and cables.

Boxx Technologies, Austin, TX
System Engineer I, July 2013 – March 2020
- In-depth Management of ODM and OEM partners for product development. Development of engineering schedules and processes for successful delivery of products.
- Developed product test strategies and manufacturing requirements, product manufacturing qualifications and functional yield improvement of all products.
- Used multimeters and oscilloscopes to individual test components on motherboards and other IC devices.
- Performed integrated circuit development work requiring comprehensive knowledge of integrated circuit theory and design.
- Provided engineering direction and judgement for development work in integrated circuit design with due consideration for scientific and practical concerns.

General Dynamics C4 Systems, Scottsdale, AZ
Software Engineer, July 2010 – March 2012
- Lead Integration & Test Engineer for the Taclane Multibook Project.
- Performs detailed design and test of software, electrical, or mechanical components or subsystems.
- Plans, designs, develops, and tests software systems or application for software enhancements and new products.
- Researches, designs, and develops computer software systems, in conjunction with hardware product development, applying principles and techniques of computer science, engineering, and mathematical analysis.
- Designs, develops, operates, maintains, and documents software to be applied to engineering, scientific, and manufacturing requirements.
- Applies the appropriate standards, processes, procedures, and tools throughout the system development life cycle to support the generation of technical engineering products.
- Contribute to the software developmental process and writing software for mission critical components for projects.
- Contributed to the software development for the Taclane Multibook Project

LANGUAGES: English and fluent/conversational Spanish
REFERENCES: Available upon request