Hardware and Software Developer

Gerardo Ramírez Ortega

Contact Information:

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KNOWLEDGE

- English Advanced
- CAD Design
- Industrial hardware
- Industrial Networks
- Siemens, Allen Bradley
- Microsoft Office
- Python advanced
- MATLAB
- LabVIEW
- Proteus
- Multisim
- Java, C++, Java Script
- Back-End
- Cloud Services as AWS
- VHDL
- Linux Environments
- Web Development

PERSONAL PROFILE

Electronic engineer graduated from Instituto Tecnológico de Toluca, I´m interest for research and development of new technologies for industrial application. I consider myself as a committed person to my work, I can adapt myself to any situation that could appear. I love to face challenges about my personal development and problem solving through teamwork. I have developed excellent ability for circuit design, as well as facility to learn and apply new programming languages in the different operative systems, plus an extensive use of software, such as simulation, programming, and design.

EXPERIENCE

HARDWARE AND SOFTWARE DEVELOPER
GRUPO BIMBO – MOLDEX S.A. DE C.V. (Actual)

In my current position, I'm developing all kind of applications for the company, it could be Web Design using cloud services as AWS, development of embedded circuits to get information for analysis, the research of Data and Image Analysis, the use of new technologies for electronic design, the implementation of different operating systems for data generation. Based on project management.

TECHNICIAN IN INDUSTRIAL ELECTRONICS
FCA México (February 2017 – May 2018)

Through World Class Manufacturing (WMC) methodology and application of Professional Maintenance (PM), as well as the enforcement of my technical knowledge, we looked for creating a zero failures culture and solving issues in the most efficient way; reducing costs generated by production´s breakdowns and keeping the equipment in the best conditions.

PRESIDENT
IEEE Branch Instituto Tecnológico de Toluca (2016)

Through teamwork, we encouraged the institute´s students, as well as students from high school to develop different skills that could benefit them outside the school, such as leadership, teamwork, and the application of their knowledge in the industry and in their lives whit the creation of activities like conferences, robotic tournaments and specific courses.

SCOLARSHIP (2016)
Instituto Nacional de Investigación Nuclear

My realized work at the institute had as objective the implementation of a security system for radioactive element detection, applying new technologies of communication and control that allow the user to manage the system remotely.

SKILLS

- Effective Leadership and management, Problem solving, Good communication, Motivation, Research Skills, Ability to work under pressure, Resilience, Flexibility, Teamwork, Respect