

Luis Ruiz

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SKILLS

- **Languages:** C/C++, Python, C#, JavaScript
- **Architecture Pattern:** MVVM, ASP.NET MVC
- **Operating Systems/RTOS:** Windows, Unix Linux, NETX, Free-RTOS
- **Version Controls:** Git, SVN, Mercurial

WORK EXPERIENCE

JCM Global Inc.

Software Engineer I

Las Vegas, NV

June 2018 – June 2020

- Design, modified, and improved software in Agile development setting, as well as developed new tools to sustain legacy software. Daily tasks include developing and debugging systems software and creating/maintaining documentation.
- Developed using ASP.NET MVC, MVVM for WPF applications, Javascript, Kendo, Web APIs, Entity Framework, MySQL, and Python.
- Worked with various communication protocols, created and contributed to specifications, and firmware design
- Designed and implemented new features for products using a C/ARM assembly code base in an RTOS environment

Aldec Inc.

Applications Engineer

May 2017 – August 2017

- Developed bare-metal Zynq based hardware/software applications on Xilinx Vivado HLx and Xilinx SDK to be implemented on Aldec's TySOM.

PROJECTS

Pedestrian Lighting Guidance System May

2017 – December 2017

- Developed a new a system to help pedestrians cross an intersection in low light conditions. A camera reads in a live feed of a pedestrian which is then processed to a location, the location is then sent out via Bluetooth to a microcontroller that hovers a spotlight over the crossing pedestrian.

PNASetup Lite

May 2018

- Developed a cross platform WPF application for talking to and embedded HID device in a uniform way through dependency injection. The applications intentions were to configure and download firmware to an embedded device.

EDUCATION

University of Las Vegas Nevada

Bachelor of Science Computer Engineering

Minor: Computer Science