

Ricardo A. Arzola

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Mobile : 787-247-7092

Address: Relocating to Kansas City area

EXPERIENCE

Raytheon Missiles & Defense

Tucson, AZ

Software Engineer II

Oct. 2017 - Present

- Development in C# including designing, developing, and testing GUI that allowed easy comparison of the percent error between unit test results and target test results for the customer product
- Implemented real-time embedded system using C++ in a Linux environment, sequentially activating pairs of power supplies. Created program to activate the power supplies, and designed GUI to run activation tests and verified functionality of the system
- Added functionality to existing programs including developing a safety feature that removes power from a laser in order to prevent user injury while running tests on client product
- Added functionality to an existing application to remove the power of test equipment when the signal it's monitoring is increased to prevent the system from being damaged.
- Maintain and update existing code to be compatible with changing frameworks and system inputs using Git and Team Foundation Server, integrate code in C#, VB, and C++, and identify and resolve minor hardware issues

Sonalysts

Waterford, CT

Junior Software Engineer

Jan. 2015 - Apr. 2017

- Developed a GUI from scratch using C# and WPF in the .NET Framework that displays tips to students doing simulated satellite training exercises in dialog boxes
- Designed and developed a GUI that allows end users to input textual graph information and visualize the data as a color coded dependency graph to simplify data interpretation
- Implemented a GUI for satellite simulation test cases that can translate between an XML file and simulation inputs

Constellation Health, LLC

San Juan, PR

Programmer Level I

Oct. 2014 - Jan. 2015

- Developed web application using JavaScript that allowed customers to register for health services online

PayTech Corporation

Guaynabo, PR

Help Desk Assistant

Jan. 2014 - May 2014

- Developed an application that added donation capabilities in AsuraCPRNT for E-POS machines and added features to the company's donation website

SKILLS & KNOWLEDGE

Programming Languages and Technologies: C#, C++, ATEasy, Java, JavaScript, HTML, CSS, Python, SQL, National Instrument, Visual Basic, Git, Azure DevOps, Agile Scrum

Languages: Spanish, English

EDUCATION

Polytechnic University of Puerto Rico

San Juan, Puerto Rico

B.S. Computer Engineering

May 2014

Atlantic University College

Guaynabo, Puerto Rico

60 Credits Earned in Design & Computer Animation

Security Clearance: Secret