ROLANDO FERNANDEZ

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CORE COMPETENCIES

- Programming Languages - Proficient (Java, C, C++, Python)
- Programming Languages - Knowledgeable (Assembly, Fortran, Html, Mysql)
- Customer Service
- Client Relations
- Desktop Administration
- Documentation
- Foreign Languages - Proficient (Spanish)
- Value Engineering
- Pc/Mac/Lan/Wan
- Blueprint & Schematic Reading
- Foreign Languages - Knowledgeable (Japanese)
- Conflict Resolution
- Product Education
- End User Support

SUMMARY OF QUALIFICATIONS

- Excellent communication, organization and problem solving skills and the leadership and discipline to develop and motivate both colleagues and clients. Strong sense of priorities, a keen eye for detail, and a valued reputation for integrity. Strong analytical skills experienced in the implementation of value engineering methodologies. Excellent abilities in adapting to changing technologies.
- Disciplined and flexible professional with a hands-on approach successful in training end users in multiple technologies. Strong problem solving skills experienced in services and product integration and technologies conflict resolution. Demonstrated knowledge of current technologies, product training and end user support. Hold current active government security clearance.

EDUCATION

2014 – Present **UNIVERISTY OF TEXAS AT AUSTIN, Austin, TX [Expected Graduation: May 2017]**
Bachelors of Science in Computer Science [Cumulative GPA: 3.72 Major GPA: 3.60]
- McNair Scholar
- Member of Association of Computing Machinery
- Learning Agents Research Group – Building-Wide Intelligence Project
- Classes – Data Structures, Computer Architecture, Operating Systems, Discrete Mathematics, Linear Algebra, Probability and Statistics, Differential & Integral Calculus, Autonomous Intelligent Robots I and II – Research

2008 – 2011 **PARK UNIVERISTY, Parkville, MO**
Bachelors of Science in Computer Science, General Education Coursework

PROJECTS

2015 **FRI Summer Research Scholarship –** Building Wide Intelligence (BWI) Lab
- Mentored student interested in the research conducted in the BWI lab.
- Created new tasks for the Autonomous Intelligent Robots in the lab that would allow for an increase usage by others to complete tasks for them.
- Creating web interface for robot task infrastructure to allow for a more simplified usage of the robots.

EXPERIENCE

2014 – Present: SPACE AND GEOPHYSICS LABORATORY, APPLIED RESEARCH LABORATORIES UT, Austin, TX

- Worked on project for calculating electron density counts in the ionosphere and creating plot graphs.
- Utilized Git for keeping track of changes to files and to maintain version control.
- Fixed bugs found in Python, Java, and MySQL code, ranging from minor to major bugs.
- Reformatted project code to follow proper python coding conventions.
- Created new Python code and Java code modules to implement new updated calculation algorithms.
- Updated web service to provide complete functionality of the multiple services provided by the project.
- Created unit tests to allow for testing of code coverage and to ensure all code functions properly.
- Integrated Fortran code into Python code by creating code wrappers using F2PY library, to allow for faster calculation of data.

2006 – 2014: UNITED STATES MARINE CORPS, Various Locations
Over seven years of progressive service as a Marine with highlights including leadership, management, telecommunications, encrypted messaging service, and support. As well as providing security support to State Department embassies and personnel.

SPECIALIZED TRAINING: Technical Controller, Security, Advanced Mathematics, Leadership Training, 2008 – 2014