TREVOR ROMAN

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EDUCATION

University of Central Florida   Orlando, Florida
Bachelor of Science in **Computer Engineering**   August 2015
Focus in **Robotics, Computer Vision,** and **AI**

SKILLS

Languages: Java, C, Python, VBS, C#, C++, Arduino, MSP430, MIPS
Hardware: PC Components, Raspberry Pi, MSP430, Arduino, BASYS2, Oscilloscope, Multimeter, Function Generator
Software: Git, Selenium, TestNG, JUnit, QC, UFT, ROS, OpenCV, Unity3D, Multisim, Xilinx, Office, Google Docs
Platforms: Windows, Linux

EXPERIENCE

Gartner Inc.   Maitland, Florida
Automation Testing Intern   January 2014 - Present
- Currently building a custom, object-oriented framework using Selenium WebDriver with Java and TestNG
- Developed, debugged, and maintained hundreds of automated functional tests for Gartner's internal tools
- Tested Gartner's OpenUI, EXP Home, and Events Manager projects
- Thrived in a highly autonomous, self-reliant team with a great degree of personal accountability
- Improved speed of test runs exponentially by implementing efficient searching and sorting algorithms in function libraries
- Developed auxiliary functions for LoadRunner to work better within the Siebel framework
- Developed tests in UFT, QC, and LoadRunner, using VBS and C

i Fix Your i: Electronics Repair   Orlando, Florida
Lead Technician   May 2011 - December 2013
- Developed analytical and problem solving skills
- Learned how to repair hundreds of hardware and software issues
- Practiced self-learning to adapt to continuous changes in hardware and software products
- Volunteered to create and implement tools and documentation to speed up processes
- Earned promotion after one year of employment
- Advised the team on duty and trained new technicians in repairs

PROJECTS

Autonomous Sentry Robot   January 2015 - Present
Principal Software Engineer
- Autonomous mobile sentry with mapping, localization, and motion detection capabilities made with Python, ROS, and OpenCV

Top Souls   January 2015 - May 2015
Gameplay Engineer
- Top-down, 2D tribute to the game Dark Souls made in Unity and coded in C#

RPGUI   June 2014 - Present
Personal Project
- Graphic interface tool for pen and paper RPGs coded in Java, and utilizing Google Docs API

Tower Defender   January 2014 - April 2014
Project Manager and Developer
- Tower defense game for Android coded in Java within LibGDX framework

VOLUNTEERING

Lake St. George Elementary   Palm Harbor, Florida
Tutor   2008-2009
- Tutored children in math and reading comprehension
- Provided extra time and care for children with learning disabilities