

Ryan Essex
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Education

ITT Technical Institute: Electrical Engineering Technology / Associate of Science
Graduated 09/2013 GPA 3.1

Professional History

Eli Lilly And Company: Software Developer/Configuration Lab Technician JAN 2017 TO PRESENT

In my capacity as a software engineer with this company I have developed many applications for automating processes as requested by management. The applications created span numerous languages and command structures from HTML & CSS (for output), C#, VBS, CMD, & PowerShell. Applications created functioned in several ways such as querying update collateral from the network, verifying hardware states to include BIOS and encryption options, & verifying Software configuration. In my capacity as a Lab Technician, responsibilities include coordinating user acceptance testing of new and updated software for production devices. As well as, maintaining a SharePoint workflow to verify which step of the process acceptance testing is in.

Lasik Vision Institute/Vision Group Holdings: Help Desk Technician OCT 2014 TO MAY 2016

As a help desk technician, responsibilities include building, configuring, and deploying Computers for Corporate and Center users. Software installation and maintenance is a common part of the daily tasks, as users call in for support a set of remote access tools are used to connect to Computers in other parts of the country across multiple domains. In working with network/systems engineers I have developed skills in configuring networking devices, and constructing small programs to correct common issues and automate specific tasks. Consistently, configured and maintained printers both in the corporate office and at numerous offices nationwide (remotely). Provided the corporate office and all remote centers with active security protection and in particular cases removed malware and viruses from user systems.

Oculus, INC.: Service Technician SEP 2012 TO APR 2014

Duties include troubleshooting of optometry and ophthalmic devices used in diagnostic testing for corneal surgery patients and then repairing the devices to operate within a tolerance of micrometers. As well as assisting customers over the phone with issues pertaining to the software and/or hardware to verify full functionality.

Self Employed: IT services FEB 2011 TO PRESENT

Duties with the services provided include:

Operating system maintenance	Hardware configuration and updating
Installation of Network systems (i.e. NAS, Dual-Band Routers, Homegroup/Workgroup setup)	Anti-Malware/Anti-Spyware/Anti-virus protection and removal

Veterans of Foreign Wars: Information Technology**FEB 2009 TO SEP 2012**

Computer repair, cleaning, and system building, as well as upgrading and peripheral transitioning.

Microsoft Office updates	System account implementation	Windows XP, Vista & 7 updates
BIOS updates	Fat 32 & NTFS Backups	RAM upgrade specifications
System Restore	Hard Disk implementation	System Troubleshooting
Software installation	Network Setup	Hardware installation

Veterans of Foreign Wars: Building Maintenance**FEB 2009 TO SEP 2012**

Well versed in grounds keeping, building repairs and modification.

Tree trimming	Cable routing(electrical conduit & networking)
Turf edging	Filter replacement
Office space Partitioning	Light bulb replacement

United States Navy: Aviation Electronics Technician**AUG 2006 TO OCT 2008**

Duties included micro-miniature circuit card repair, Extensive knowledge of HAZMAT usage and disposal guidelines, repair and construction of Aviation body/engine wiring harnesses, as well as training and indoctrination of newly appointed personnel. Collateral duties included: Hazardous Materials administration for all work spaces and preparing all HAZMAT lockers for weekly inspections. Completed building maintenance in the form of running wires and conduit above ceilings and in trench channels to comply with specific building upgrades and modifications. Experienced in following color-coded wiring diagrams and crimping RJ-11, RJ-45, Cannon plug, coaxial, as well as, BNC and TNC terminations. Side Tasks around the installation included creating wired and wireless networks for personal use by others within the division and other divisions throughout the command, as well as troubleshooting wiring and circuit defects within non-military devices (i.e. cellular phones, alarm clocks, personal vehicles, computers, and laptops)

Professional Development

Proficient with computer networking and system administration. As well as repairs, upgrades, and building and implementing new units from individually bought parts.

Secure E-mail	Cisco Networking
Building wired/wireless networks	Batch and VBS scripting for system automation
Proficiency in programming with C#	Lean Six Sigma White Belt Course
A+ Certification ID#: COMP001021168710 EXP: 07/07/2020	
Free Code Camp – Responsive Web Design Certification - https://www.freecodecamp.org/certification/fcc0a545da2-cac1-4c96-bbc2-e042dcc4a903/responsive-web-design	