

# Trevor Marquis

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## **Qualification Highlights**

Highly motivated, career-oriented individual able to think in technical terms

Excellent organizational, leadership, and teaching abilities

Extensive enterprise and hobbyist background in computer and electrical systems

Significant experience architecting networked systems including Windows, Linux, Unix, Cisco domain environments

Programming ability in C, C++, Java, Python, Perl, Bash

Agile Block Based Development

Behavior Driven Development

Wrote and maintain full system documentation, tutorials and help guides

## **Relevant Skills and Experience**

### **Computer Systems**

- Develop, deploy Behavior Driver Development test suite for software system testing using Gherkin, Selenium Web Driver and Python for the SEL-3070 Software Defined Radio
- Design, install, manage enterprise Windows/Linux domain environment with 30+ servers
- Install and manage Windows Server Update Services (WSUS)
- Install and manage openNMS Network Management Systems and Syslog logging servers
- Deploy, manage, utilize AlienVault SIEM, Nessus Security Scanner, NMAP for network and host intrusion and vulnerability monitoring
- Knowledgeable configuring/managing Asterisk VoIP and general telephony systems
- VMware ESXi virtualization technologies
- Experienced with Windows 98, XP, Vista, 7, 10, Windows Server 2003, 2008, 2008 R2, 2012, 2012R2, Linux/Unix, Macintosh OSX
- Knowledgeable with TCP/IP, OSI, RADIUS/AAA, 802.1x, IPSec, VPNs, PKI, OpenFlow
- Deployed and managed RSA Authentication Manager, Windows NPS, freeRADIUS, and Cisco ACS for RADIUS/AAA and 2-factor authentication
- Experience performing security audits and penetration tests on domain infrastructure to ensure system security & compliance
- Managed system backup and restore policies
- Compiled databases/topology information/records into concise documents; write and edit
- Ability to troubleshoot and solve connectivity, applications, and email problems

### **Electrician**

- Low-voltage data cabling including fiber optics for video, voice, data, TV, and CCTV infrastructures and hardware components
- General lighting and 3-phase power circuits to spec
- Installed conduit systems for low-voltage, two and three phase power systems
- Competently install and program complex phone systems
- Utilized LAN testers to certify fiber optic and copper terminations and cable specs
- Installed whole home automation systems including lighting, shading, heating, cooling, audio and video control and remote access and control capabilities

## Management/Customer Service

- Adept at analyzing and managing daily operations to maximize efficiency
- Established goals and evaluated employee performance; planned and assigned duties
- Prepared and conducted topical staff sessions and weekly safety training
- Taught Continuing Education Courses for Real Estate and Insurance Agents

## Publications

- **Marquis, T.A.** (2014) "Integrating RADIUS Authentication with the SEL-3620 in a Cisco Secure ACS Environment" *Schweitzer Engineering Laboratories, Inc.* SEL AG2014-10
- **Marquis, T.A.** (2014) "Integrating RADIUS Authentication with the SEL-3620 in a FreeRADIUS Environment" *Schweitzer Engineering Laboratories, Inc.* SEL AG2014-11
- **Marquis, T.A.** (2014) "Integrating RADIUS Authentication with the SEL-3620 in an RSA Authentication Manager 7.1 SP4 Environment" *Schweitzer Engineering Laboratories, Inc.* SEL AG2014-12
- **Marquis, T.A.** (2014) "Integrating RADIUS Authentication with the SEL-3620 in a Microsoft® Windows® NPS Environment" *Schweitzer Engineering Laboratories, Inc.* SEL AG2014-13

## Honors/Awards/Certifications

- Bachelors of Science in Computer Science
- Associates of Science in Information Technology
- Associates of General Studies
- Presidents List
- Dean's List
- Phi Theta Kappa honors student
- 3.65 graduating G.P.A. P.C.C
- Past Cisco Systems CCENT Certification
- University of Idaho Merit Scholar
- Stuart and Kathryn Fader Science Merit Scholar

## Employment History

Ryan's Holding's	Systems Administrator	Hood River, OR	2016-Current
Schweitzer Engineering Labs	Software Engineer Tech	Pullman, WA	2015-2016
Schweitzer Engineering Labs	Software Engineer Intern	Pullman, WA	2014-2015
Schweitzer Engineering Labs	Network Sec Engr. Intern	Pullman, WA	2011-2014
Gorge Electric, Inc.	Electrical Apprentice	Hood River, OR	2008-2010
Gorge Networks	Network/IT Help Desk Tech	Hood River, OR	2007-2008
McCandliss Development	Construction Worker	Hood River, OR	2006-2007
SERVPRO	Sales/Marketing Director,	Hood River, OR	2003-2005
	Continuing Education Instructor		

## Education

Lewis Clark State College	BS Computer Science	Lewiston, ID
Lewis Clark State College	AS Information Technology	Lewiston, ID
University of Idaho	Computer Science/Info. Assurance Major	Moscow, ID
Portland Community College	Associates Degree General Studies	Portland, OR
Clackamas Community College	Electrical Apprenticeship Technologies	Clackamas, OR
SERVPRO Industries	Certified Continuing Ed Instructor	Corbett, OR