

Scott J. Guyton

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github.com/kiljoy001

Skills

Languages: Python, C#, PowerShell, SQL, Bash

System Administration: Docker, Hyper-V, Azure, Linux, Windows Server, Solr, DNS, Networking

Blockchain: Bitcoin, Namecoin, BigChainDB

Cyber-Security: Risk Assessment, Data Integrity, Application Design, Network Security

Education

University of Washington – Master of Cybersecurity & Leadership June 2024

Renton Technical College – Bachelor of Applied Science in Application Development June 2019

Heald Business College – Certificate of Completion: Cisco Networking Academy October 2007

Certifications

Certified Information Systems Security Professional: CISSP – ISC2 Member ID# 1816046 January 2024

MTA: Software Development Fundamentals June 2017

CompTIA IT Operations Specialist: CIOS March 2007

Experience

Chief Technical Officer, Global Systems Integration LLC – Honolulu, HI June 2023 – October 2023

- I led the technical direction, development, and information security efforts of Global Systems Integration's main product, a correctional institution student management system for the State of Hawaii.

Project Engineer, Wipro / Microsoft – Redmond, WA March 2021 – Sept 2022

- Configured equipment/software to validate Azure Linux & CBL-Mariner images using PowerShell, Python, and Linux.
- Successfully implemented and expanded a data center lab, ensuring optimal operations.
- Introduced Nagios for hardware monitoring, effectively reducing system downtime.
- Automated services and equipment monitoring via scripting, optimizing system efficiencies.
- Analyzed and resolved test run failures, enhancing lab operations through team collaborations.

Software Engineer, HCL America / Microsoft – Redmond, WA June 2018 – Sept 2019

- Developed a C#, Azure, and Solr application to showcase effective Solr indexing, achieving a searchable system for large datasets.
- Configured Solr & Zookeeper on Windows and Linux, resulting in a backend processing terabytes of data.
- Automated deployment using an Azure Runbook in PowerShell, facilitating seamless VM-to-VM application transfers.
- Enhanced Azure expertise by hands-on work with its key components, bolstering project capabilities.
- Rectified seven accessibility issues in Microsoft's PowerApps, ensuring compliance with standards.

Support Engineer, Allyis / Microsoft – Redmond, WA Sept 2017 – June 2018

- Utilized MySQL to swiftly diagnose and fix customer sign-up and service usage issues.
- Addressed and rectified data display discrepancies in customer interfaces.

Intern - Software Engineer, Renton Technical College – Renton, WA March 2016 – August 2017

- Automated CSV file downloads and archiving using Python and Selenium WebDriver.
- Developed a custom Chromium browser, effectively overcoming file-saving limitations.

System Administrator, Arvix LLC – May 2013 – September 2015

- Resolved complex web hosting and server hardware issues, enhancing system reliability.
- Utilized Linux and Windows diagnostic tools to troubleshoot server and network problems.
- Improved customer satisfaction by providing expert assistance with website and database setups.

Technical Support, Support.com – February 2012 – May 2013

- Performed remote system repairs and malware removal, increasing operational efficiency.
- Supported customers with device setup (printers, smartphones, LAN), improving service quality.
- Utilized a range of tools (Windows Sysinternals, Malware Bytes) to ensure comprehensive care.

Technical Support, Internetworking Expert – May 2011 – January 2012

- Provided global support via email/live chat, enhancing customer service responsiveness.
- Handled account modifications and provisioning with high accuracy and customer satisfaction.
- Troubleshoot video streaming issues, ensuring a seamless customer experience.

Junior IT Support, Corestaff / Amazon Fresh – November 2010 – December 2010

- Enhanced network reliability by troubleshooting connectivity issues, improving uptime.
- Maintained and performed preventive maintenance on HP and Zebra printers, ensuring operational efficiency.
- Developed a Linux kiosk image for Fulfillment Center use, optimizing workflow processes.

Technical Support, JDL Digital Systems – June 2010 – October 2010

- Managed technical support issues, reducing resolution times and increasing customer satisfaction.
- Conducted QA testing and developed over ten user manuals, enhancing product usability.
- Facilitated weekly meetings to address support issues, fostering interdepartmental collaboration.

Technical Support Agent, Vonage Holdings Incorporated – June 2009 – January 2010

- Provided VoIP support, achieving high issue resolution rates reflected in customer feedback.
- Maintained performance targets, ensuring consistent service quality and reliability.

Senior Technical Support, Seanet Incorporated – October 2007 – January 2009

- Offered DNS and web server support, gaining expertise in system security and email troubleshooting.
- Engaged in side projects that improved system functionality and user experience.
- Led training and management initiatives, enhancing team capabilities and service delivery.

Projects

Toga – Python

github.com/beeware/toga/

- Contributed to the open source project Toga, A Python native, OS native GUI toolkit

ASP.Net Full Stack Site: Invo – C#, MSSQL, jQuery, Bootstrap

- Developed a full-stack ASP.NET application for Renton Technical College school project, incorporating C#, MSSQL, and jQuery for data management and front-end interactions.
- Implemented secure data processing with stored procedures, middle-tier validation, and bcrypt for encryption, enhancing application security and performance.

WPF Application: Invo – C#, MSSQL, Bootstrap

- Created a WPF desktop application integrated with the Invo web app backend, enabling inventory management without web access, using C#, MSSQL, and secure user authentication.

Blood Sugar Monitor Application – C#, Windows Forms

- Designed and developed a Windows form application for blood sugar monitoring, utilizing C#, SQLite, and Windows Forms charts, demonstrating self-taught skills in database and UI design.