

Andrew W Surber

Utilizing technology to find solutions for daily tasks, daily problems, and daily boredom.

Contacts

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Summary of Qualifications

- Immense experience across variety of server operating systems and technologies
- Continuous adaptive technical skill set
- Creative problem solver
- Why repeat tasks when we can automate

Contents

- [Andrew W Surber](#)
 - [Contacts](#)
 - [Summary of Qualifications](#)
- [Technical Skills](#)
 - [Platforms](#)
 - [Languages](#)
 - [Databases](#)
 - [Software](#)
 - [Concepts](#)
- [Professional Experience](#)

- [Sutter Health IS, Sacramento, CA](#)
 - [ECMC \(formerly EdFund Guarantee\), Rancho Cordova, CA](#)
- [Personal Projects and Client Work](#)
 - [Personal Home Page](#)
 - [Norcal Noise Fest](#)
 - [Musiclandria](#)
 - [Berkeley Finnish Hall](#)
- [Education & Certification](#)

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Summary of Qualifications

- Immense experience across variety of server operating systems and technologies
- Continuous adaptive technical skill set
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Technical Skills

Platforms

- Windows
- Unix/Linux
- Mac OS X

Languages

- Powershell
- Python
- Bash
- HTML
- CSS
- YAML
- RST

Databases

- MS SQL server

Software

- Red Hat Ansible
- Red Hat Ansible Tower
- Splunk
- Citrix VMware
- Citrix vROPS
- SailPoint IdentityIQ
- CyberArk
- Microsoft Active Directory
- Microsoft O365

- Microsoft Outlook
- Microsoft SCOM

Concepts

- GitHub, Version Control
- OOD, Object Oriented Design
- RBAC, Role Based Access Control
- IAM, Identity Access Management
- PAM, Privileged Access Management
- Automation

Professional Experience

[Sutter Health IS, Sacramento, CA](https://www.sutterhealth.org/)

[<https://www.sutterhealth.org/>]

- **System Engineer 2, 2019-2021**

- Engineering, implementation, operation, maintenance, and support of a wide range of server platforms including:
 - Microsoft SCOM - For Monitoring Microsoft systems
 - Splunk - Log ingestion & Searching
 - Red Hat Ansible - Automation
 - Infoblox - IP Control
 - VMware vROPs - vRealize Operations
- Provided daily, weekly, and monthly systems capacity and performance review metrics for leadership
- Deployed and retired Windows or RHEL virtual machines over VMware vSphere
- Created timely event specific automation triggers in Splunk or SCOM for system monitoring and ticket generation
- **Accomplishments:**
 - Managed Citrix vROPS (vRealize Operations Manager) Systemwide upgrade to 8.1.1 (10/2020)
 - Managed documentation and user access control to Red Hat Ansible Tower (2/2021)

- **Security Analyst 3, 2017-2019**

- Managed Identity Access Management through SailPoint IdentityIQ
- Managed Privileged Access Management and password rotation through CyberArk software
- Provided data security support and guidance to Sutter Health regions and affiliates

- Represented the Data Security Office on project teams and other IS initiatives and works with other IS operations support departments to identify and recommend solutions on security-related issues
 - Provided hands-on security administration of a broad range of security duties
 - Provided oversight of design, engineering, analysis, research, testing and monitoring
 - Provided regular reporting of security related issues, mostly auditing users with Privileged Access
 - **Accomplishments:**
 - Implemented a Server Security Design Standard to ensure server builds met Privileged Access standards
 - Provided security insight and created processes for employee onboarding and off boarding
 - Lead team and built processes for Server access cleanup project to remove access from servers where privileged access was granted in error
- **Account Administrator 2, 2014-2017**
 - Assisted in technical analysis, design, support, and implementation of the day to day account administration requests regarding various types of access and application usage
 - Provisioned access for Active Directory, AIX, AS400, UNIX, Linux, Remote Access and related systems
 - Assisted in the implementation and support of technical solutions
 - Worked with regional and project team members to define business and user requirements
 - Removed access from terminated employees
 - Upheld security policies regarding access related to job roles of employees
 - Upheld security policies regarding Active Directory access
 - Provisioned and maintained RightFax systems, a service for converting faxes to digital formats
 - RightFax server maintenance and support

- Generated Reports regarding Active Directory access, network shares
- Created and maintained documentation for department processes
- Developed work process for new team innovations
- **Accomplishments:**
 - Was a key role in updating employee onboarding and off boarding processes (2/2017)
 - Redefined and tuned onboarding process for region specific employees
 - Maintained and updated documentation for team processes and applications
 - Designed and updated RightFax processes for system-wide implementation
- **Service Desk Representative, 2013-2014**
 - Provided technical support to over 60,000 employees including Doctors, Sutter Health employees, and external vendors through voice and written communications
 - Supported Medical systems built on AS/400 platforms
 - Handled ticket routing through Remedy software
 - Rebuild and correct issues with Outlook profiles including group mailboxes and archive files
 - Provided hardware support to HP and Ricoh printers and Fujitsu scanners
 - Exceptional customer service skills working in a face paced environment

[ECMC \(formerly EdFund Guarantee\), Rancho Cordova, CA](https://www.ecmc.org/) [<https://www.ecmc.org/>]

- **Help Desk Support, 2005-2013**
 - Provided technical support to employees, lenders, schools and students through voice and written communications
 - Added, removed and maintained users on Active Directory and Linux

- Basic updates to Microsoft Exchange email accounts
- Addressed technical issues from disgruntled users
- Reset access passwords for network systems, upholding security policies
- Troubleshoot technical issues determining causes of hardware and software issues
- Configured software remotely
- Created procedures detailing how to resolve issues with clear steps
- Created macros to handle tedious tasks

Personal Projects and Client Work

[Personal Home Page](https://andrewway.net/) [https://andrewway.net/]

- Personal blog will detail ongoing events and projects

[Norcal Noise Fest](https://www.youtube.com/norcalnoise fest)

[https://www.youtube.com/norcalnoise fest]

- Primary Sound Engineer for In-Person events
 - Sound Board
 - Stage Management
 - Sound Design
 - Speaker Configuration
 - Professional experience working with multiple musicians and performers to deliver amazing audio and performances for the audience
- Technical Wizard For Virtual Events
 - Event streaming over YouTube
 - Video editing
 - Automation scripting for video organizing
 - Video curation
 - Playlist generating
 - Graphic Design
 - Capturing video and audio from multiple artists and performers from over the world for live stream during events
 - Experience with multiple streaming software, OBS
 - Experience with VoiP solutions, ZOOM, Discord

[Musiclandria](https://www.musiclandria.com/) [https://www.musiclandria.com/]

- Volunteer for Virtual Events
 - Event streaming over YouTube and Facebook

- Experience with multiple streaming software, OBS and Wirecast
- Sound recording
- Sound design

Berkeley Finnish Hall

[<https://www.youtube.com/channel/UCdl8zZP472lo4tKM4P6dmeQ>]

- Technical Lead For Virtual Events
 - Event streaming over YouTube
 - Experience with multiple streaming software, OBS
 - Sound recording
 - Sound design

Education & Certification

- Automation with Ansible and Ansible Tower (DO410)
 - Red Hat Training and Certification 2019
- Splunk 7.x Fundamentals Part 1 (eLearning)
 - Splunk eLearning 2019
- IdentityIQ Implementation: Essentials v7.2
 - SailPoint Technologies 2019
- Microsoft Certified Technology Specialist (MCTS)
 - 70-680 Windows 7 Configuration
 - Tech Skills of California 2011
- ITIL V3 Foundation Course
 - ITIL Training Zone 2011

Index