

# Hans D. Guthrie

(816) 398-8056 | hansdg1@gmail.com

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## Education

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### **Kansas State University, Manhattan, KS**

*Graduated May 2015*

- Bachelor of Science, Computer Engineering
- Specialization in Networking and Multimedia

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## Professional Experience

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### **Ward Parkway Presbyterian Church, Kansas City, MO**

*August 2015-Present*

#### *Operations and Network Management*

- Expanded and replaced existing wired network with new CAT 6 cabling
- Secured network by separating internal and guest Wi-Fi networks while providing better Wi-Fi access for guests
- Researched, provisioned and installed new enterprise grade Wi-Fi access points throughout the building

### **K-State Computer Science Department (CS), Manhattan, KS**

*April 2013-August 2015*

#### *Student System Administrator*

- Assisted in the maintenance of 200 departmental servers and workstations
- Supported servers and desktops running Windows, Linux, and Mac OS on a variety of hardware
- Managed enterprise-wide software deployment using Group Policy, PDQ Deploy, and scripting
- Migrated CS Department Active Directory data from existing Windows Server 2003 and 2008 servers to Windows Server 2012 R2
- Implemented and configured new MySQL, Debian, and Ubuntu servers
- Secured Linux desktop user authentication using Kerberos, LDAP, and PAM
- Migrated support wiki from Moin Moin to Mediawiki, and wrote scripts to translate page content

### **Payless ShoeSource, Topeka, KS**

*June 2014-August 2014*

#### *Identity & Access Management Internship*

- Met with coworkers to understand current system for controlling computer system access
- Strategized with executives to document and simplify existing user roles
- Designed and implemented new web-based form in ServiceNow for managing user permissions

### **K-State Admissions Office, Manhattan, KS**

*May 2012-April 2013*

#### *Student Computer Technician*

- Maintained smooth operation of 30 staff computers
- Implemented a system to deploy new and updated software to department computers
- Worked with supervisor to develop new, more streamlined software deployment
- Recommended and ordered new computer and networking equipment for the office

### **Foreclosure Management Company, Overland Park, KS**

*Summers of 2008-2010*

#### *Information Technology Intern*

- Provided IT support for 100-person office
- Identified need and implemented system for imaging workplace computers
- Created a Windows Update Server (WSUS) for patching domain computers

### **The Barstow School, Kansas City, MO**

*High School 2006-2009*

#### *Help Desk Assistant*

- Provided computer hardware and software support for students and faculty
- Coordinated on-site repairs for Dell and Lenovo systems in the school's laptop program

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## Skills Summary

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### Hardware

*Ward Parkway Presbyterian Church*

- Netgear GS728TP
- Ubiquiti EdgeRouter Lite
- EnGenius EAP600, EAP1200H Wi-Fi Access Points
- Experienced with soldering and electrical wiring

*K-State Computer Science Department (CS)*

- 50 physical servers of various manufacturers
- 50 virtual servers (using Ganeti)
- Over 100 lab machines (combination of Ubuntu Linux, Windows, and Mac OS)

### Operations/Infrastructure

*K-State Computer Science Department (CS)*

- Skilled in Windows (7, 8, 10, Server 2003-2012R2), Mac OS, as well as Debian and Ubuntu Linux
- Experienced customizing and deploying computers with Sysprep, ImageX, WAIK, and Clonezilla
- Linux/Mac OS tools used: Ganeti, KVM, Icinga (fork of Nagios), CFEngine, PXE boot, TFTP, SSH, NFS, Samba, Python, Shell Scripts, and pfSense
- Windows tools used: PDQ Deploy, Deep Freeze, WSUS, WAIK, Active Directory, and Group Policy
- Responsible for maintenance and continuous operation of our datacenter
- Documented datacenter configuration in OpenDCIM to aid planning and troubleshooting

### Development

*K-State Computer Science Department (CS)*

- Leveraged Batch and Powershell scripts along with Group Policies to streamline management of our Windows labs and servers
- Used CFEngine to ensure accurate and continuous Linux server and desktop management

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## Activities

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| • Leader of Manhattan's Sporting KC supporter group | <i>June 2013-August 2015</i> |
| • Sound Engineer for KSU Christian Challenge        | <i>January 2010-May 2014</i> |
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## References

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**Available Upon Request**