

Jacob Coffee

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EDUCATION

Eden Career Technical Center

Information Technology

Ashville, AL

May 2012 – May 2014

Wallace State Community College

Associate of Science in Computer Science

Hanceville, AL

Oct. 2018 – May 2022 (*Expected*)

Auburn University

Bachelor of Computer Science

Auburn, AL

May 2022 – May 2024 (*Expected*)

EXPERIENCE

IT Specialist - IT Infrastructure

Labcorp

Mar 2018 – Present

Birmingham, AL

- Developed automation for common problems and repetitive tasks
- Implemented new AD Structure to further organize and manage GPOs and their target objects
- Supported Windows Servers (2012-2019), Networks, Active Directory, Group Policy, and end-user computers for the Southeast division
- Deployed and maintained Linux and Docker servers and containers, respectively
- Managed networks using tools like Cisco ISE, Infoblox IPAM, Velocloud Orchetrator, and the Meraki dashboard

PROJECTS

Homelab | VMWare vSphere, Active Directory, Linux, Docker, Azure

May 2018 – Present

- Maintain production-level systems solely for the purpose of learning more about them
- Design systems around hardware constraints (Dell R510, R620, R430s) in a highly available cluster utilizing vSphere, IPMI, Reverse Proxy with NGINX, and container deployment and management
- Implement Docker containerization for individual services with source-controlled configuration
- Construct multiple VLANs for segmentation of services such as IoT, Servers, End Users, and Security
- Automate various deployments using Powershell and Bash

TECHNICAL SKILLS

Languages: Powershell, Bash, JavaScript, HTML/CSS

Developer Tools: Git, Docker, Azure, AWS, Google Cloud Platform, VS Code, Visual Studio, IntelliJ, Atlassian Suite, NGINX, Linux

Other Tools: Windows Server 2012, 2016, and 2019, Ubuntu Server, Red Hat Server (RHEL), VMWare vSphere, ESXi, Proxmox, Hyper-V, GPO, ServiceNow, SCCM, Citrix, XenServer, XCP-NG (Open Source XenServer)

Things I'm Excited to Learn: Java, Python, .NET Core, SQL (Postgres and others), C++, Kubernetes, Rancher, Openshift, Jenkins, Chef, Ansible, and any other tool or opportunity brought my way

CLUBS AND ORGANIZATIONS

School Clubs: Auburn AI Club, Auburn Ethical Hacking Club, Auburn ACM Group

Industry Organizations: ACM, IEEE