

# BRAYDEN CORBRIDGE

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## EXPERIENCE

**MAY 2023 – PRESENT**

**INFORMATION SYSTEMS ENGINEER I, SPACE DYNAMICS LABORATORY**

- Assists in design, installation, and configuration of CI/CD pipelines using tools like Jenkins.
- Responsible for maintaining and securing systems that serve as infrastructure to our CI/CD development.
- Responsible for helping maintain and secure several Amazon AWS EKS environments including access control and container isolation.
- Use various plugins to ensure proper scanning of docker containers and code to ensure the security of in-house software programs.
- Assist in installing and configuring a local RKE2 Kubernetes Cluster with Rancher to be used as a developer cluster for local deployments.
- Work with Developers to optimize internal programs code and docker containers for CI/CD processes.
- Responsible for documentation of assigned projects.
- Setup and Configure Linux/Windows servers.

**OCT 2022 – JUNE 2023**

**SOFTWARE TEST ENGINEER I, SPACE DYNAMICS LABORATORY**

- Identifies and analyzes test results and draws conclusions about software effectiveness.
- Design and maintain test procedures.
- Create and update test documentation.
- Work with software engineers, team members, quality assurance to ensure software is tested thoroughly.

**SEPT 2022 – OCT 2022**

**SYSTEM ADMINISTRATOR I, UTAH STATE UNIVERSITY**

- Support and manage individuals' computers in the facilities department.
- Setup, Secure, and maintain user accounts in internal program used by the department.
- Manage and set up several Windows/Linux servers.

#### **JAN 2020 – AUGUST 2022**

##### **NETWORK ADMINISTRATOR I, FOX PEST CONTROL**

- Install, manage, and administer Linux Ubuntu 18.03 and 20.04 on-prem and cloud-based servers.
- Consistently maintain above 99% uptime on AWS EC2 and RDS instances that drive our built in-house web applications.
- Implement, maintain, secure, and administer PfSense, Zykel, Netgear firewalls and switches.
- Establish secure networks in over five buildings from beginning to end, including cable pulls, hardware installation and implementation (Firewalls, switches, Access Points), cable management.
- Maintain physical security by managing Paxton Access keycard access through “Net2 Access Control” Program.
- Manage about 1,500 iPad tablets for service technicians and salesman using mobile device management software (IBM MaaS360 and Hexnode).
- Help manage Kaseya VSA endpoint management.
- Handle escalated tasks and procedures from the IT support team.

#### **JAN 2019 – JAN 2020**

##### **IT SUPPORT SPECIALIST, FOX PEST CONTROL**

- Troubleshoot hardware/software issues on Windows / Linux / MacOS machines.
- Managed and administered VOIP phone system.
- Helped implement and maintain a samba domain controller.
- Helped implement a ticket system that reduced response times.
- Responded to concerns and provided solutions to questions regarding the CRM software used to manage company employee and customer relations.

## EDUCATION

MAY 2023

### TECHNOLOGY SYSTEMS: CYBERSECURITY EMPHASIS - BS, UTAH STATE UNIVERSITY

Completed coursework related to cybersecurity including the following

- Linux Essentials with Kali, Penetration Testing, Network Defense and Digital Forensics, and Advanced Python

MAY 2023

### UNMANNED AERIAL SYSTEMS - MINOR, UTAH STATE UNIVERSITY

Completed coursework related to Unmanned Aerial Systems including the following

- UAS Design Construction and Maintenance
- UAS Guidance and Control
- UAS Aerial Photography

## SKILLS

- Scripting in Bash, Python
- Endpoint Management
- Basic HTML, CSS, JavaScript knowledge
- Basic Programmatic knowledge in C, Java, groovy
- Kubernetes
- CI/CD with Jenkins and GitLab
- Linux
- Windows Hyper-V
- Windows Server
- Leadership
- Docker

## CERTIFICATIONS/LICENSES

- DoD Security Clearance (TS)
- CompTIA Security+
- Microsoft Certified: Azure Fundamentals
- AWS Certified Cloud Practitioner
- Part 107 License
- Amateur Radio License