

# Johan McGwire

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**Website:** [McGwire.tech](http://McGwire.tech)

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## EXPERIENCE

### ***Staff Site Reliability Engineer***

June 2020 - Present

**Coinbase**, Remote, Columbus, OH

- Built a macOS EC2 instance deployment pipeline for AutoPkg and retail application deployments
- Enabled corporate reports with python Airflow ETLs for Jamf, Google, Okta, Jira, and Duo
- Prototyped NanoMDM for device management with MongoDB open source contributions
- Mentored IT members on converting their project requirements to implementable projects
- Built a platform for terraform codification and application along with a Jamf terraform provider
- Converted many human service desk processes to customer request-able automations
- Delivered many golang projects, on server-full and server-less infra to complete various tasks

### ***MacOS Engineer***

January 2020 - May 2020

**Leidos**, Reston, VA

- Transitioned from mobile accounts and AD-bound devices while maintaining NIST compliance
- Created single network service enforcement subsystem to satisfy NIST requirements
- Created Privilege Rights Management subsystem and workflow for administrative local accounts
- Overhauled machine provisioning and software installation workflow
- Experimented with application blacklisting and whitelisting with Google Santa

### ***Lead Systems Engineer***

January 2019 - January 2020

**Denison University**, Granville, OH

- Refactored all Jamf polices to implement standardized custom scalable workflows
- Enabled a single source of truth for all software scoping, encompassing all computing endpoints
- Designed many workflow enhancements to improve client deployment experience
- Administered ZenWorks Configuration Management and Jamf with accompanied infrastructure
- Evaluated and prioritized all endpoint configuration changes and projects

### ***IT Coordinator***

June 2016 - January 2019

**Battelle Memorial Institute**, Columbus, OH

- Established Jamf macOS management with automated device deployment workflows
- Constructed and maintained SCCM deployments of internal applications
- Built provisioning packages to replace traditional Windows imaging workflows
- Administered Microsoft InTune and reviewed all future endpoint management integrations
- Configured 802.1X computer Wi-Fi authentication with associated radius server rules

## PORTFOLIO

- **Jamf Terraform Provider** - Codification for Jamf server configuration
- **JNUC 2019 Presentation** - On scalable machine provisioning and user feedback mechanisms
- **NoMAD Login** - MacOS Login Window replacement for AD-binding utilizing local accounts
- **Authchanger** - Manages modifications to the authorization database for multiple Jamf products
- **Automatic SecureToken Granting** - Managed SecureToken delegation to mobile users

## EDUCATION

### **Bachelor's of Science in Computer Science and Engineering**

May 2018

with specialization in Cyber Security

### **Associates of Arts**

June 2016

The Ohio State University