**PROFESSIONAL EXPERIENCE**

**Northwestern University**, Evanston, ILOct 2021 – Present

**IAM Developer**

* Manage Active Directory and AzureAD for over 3,500 employees and 22,000 students, utilizing Azure AD Connect to synchronize on-prem and cloud
* Took leadership in moving applications using insecure Lightweight Directory Access Protocol (LDAP) to Lightweight Directory Access Protocol over TSL/SSL (LDAPS)
* Designed and implemented the upgrade of on-prem and AWS Active Directory Domain Controllers (AD DCs) from 2012 R2 to Windows Server 2022
* Led project to upgrade Active Directory Forest Functional level and Domain Functional level to 2016
* Designed and implemented a continuous integration/continuous deployment (CI/CD) stack utilizing Git and Cloudbees (Jenkins) to centralize and automate PowerShell scripts
* Represent IAM team on change management calls with stakeholders and university leadership

**Akuna Capital**, Chicago, ILMarch 2020 – April 2021

**Desktop Engineer**

* Provided support to both Linux and Windows users, including Market Makers on the Chicago Board Options Exchange (CBOE) trading floor
* Performed root cause analysis of system/application failures for hardware and proprietary trading software
* Implemented Local Administrator Password Solution (LAPS) on all critical Windows servers
* Leveraged PowerShell to standardize and automate common tasks
* Assisted in building the infrastructure and security for the firm’s new crypto trading team

**Group One Trading**,Chicago, ILDec 2017 – March 2020

**Systems Engineer**

* Provided immediate support to Market Makers on the CBOE trading floor daily
* Managed Active Directory for 150 employees
* Leveraged PowerShell to standardize and automate common tasks
* Utilized deep understanding of proprietary applications to improve efficiency and performance of trading platforms for over 35 Market Makers
* Improved the monitoring and alerting of servers and vital computers using Solarwinds

**Bonus Points**

**Education:** Certified in Azure (AZ900), Bachelors’ education in Game Software Development and Computer Science

**Additional Skills:** GPOAdmin (3+ years), VMware, Hyper-V., AWS Services, Zero Trust principles, Recovery Manager, Active Directory Certificate Services (including troubleshooting PKI)

**Interests:** Investing, reading, hiking, and video games