

# Thomas W. Haffenreffer

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## PROFESSIONAL EXPERIENCE

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**Eviden, an Atos company** – Chicago, IL *June 2022 - Present*

*Cloud Operations Engineer*

- Architected and managed cloud infrastructure for enterprise clients across Azure and Google Cloud platforms, developing expertise in distributed systems, high availability, and secure infrastructure
- Implemented Infrastructure as Code using Terraform across multiple client environments; created automated alert systems for monitoring system stability and security threats
- Developed stateless automation systems for dynamic resource management, demonstrating understanding of state management principles applicable to blockchain node operations
- Served as Primary Technical Lead for 12-member team; coordinated cross-functional delivery, managed incident response, and maintained 99.9% uptime SLAs
- Led Google Cloud MSP certification audit; coordinated evidence collection across teams while reducing audit costs by 35% through strategic automation

**Brown Advisory** – Chevy Chase, MD *Summer 2020*

*Summer Analyst*

- Presented opportunities in blockchain and digital currency to investment partners; advocated for Bitcoin as an emerging asset class with strong fundamentals
- Provided technical expertise on cryptocurrency markets, blockchain technology, and digital asset infrastructure to inform investment strategy
- Analyzed market trends during COVID-19 crisis across technology sectors including semiconductors and electric vehicles

**Denison University Research Foundation** – Granville, OH *Summer 2019*

*Summer Researcher*

- Worked on AI model development team, gaining experience with machine learning pipelines and model training
- Authored research paper analyzing intersection of technology policy and emerging technologies

## PERSONAL PROJECTS

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- **Bitcoin Node Operations:** Run personal Bitcoin full node; experience with node configuration, network connectivity, and blockchain synchronization
- **Multi-Signature Custody:** Implemented multi-sig wallet setups for secure Bitcoin custody; familiar with hardware wallets and key management best practices
- **Infrastructure Automation:** Build and maintain personal homelab for experimenting with self-hosted services, networking, and security configurations

## EDUCATION

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**Denison University** – Granville, Ohio *May 2022*

Bachelor of Arts in Computer Science; Bachelor of Arts in Global Commerce: Middle East/North Africa

**Leadership:** Founder and President of Denison Brazilian Jiu-Jitsu; President of Denison Clay Sports Clubs.

## **SKILLS & INTERESTS**

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**Infrastructure:** Linux, Docker, Kubernetes, Terraform, Azure, Google Cloud, GitHub Actions, CI/CD

**Programming:** Python, Bash, PowerShell, SQL, C++, HTML/CSS

**Blockchain:** Bitcoin node operation, multi-sig custody, hardware wallets, Lightning Network basics

**Certifications:** Google ACE, Azure 900, Terraform Associate. Studying for CKAD

**Languages:** English (native), Russian (intermediate), Arabic (beginner)