

Brian Kieffer

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EDUCATION

UNIVERSITY OF WASHINGTON

2022 Graduate

Bachelor of Science in Computer Science and Software Engineering

Minor in Business Management

- Executive Officer for Association of Computing Machinery (ACM)

EXPERIENCE

Avanade

July 2022 – March 2023

Cloud Engineer

Technologies: Terraform, Azure Cloud Infrastructure, Azure DevOps

- Deployed Azure resource groups with Bicep and ARM templates following Infrastructure as Code (IaC) best practices
- Maintained and improved the Azure infrastructure by implementing architectural guidance and troubleshooting advanced issues
- Improved process efficiency by creating a CI/CD pipeline with Terraform and Azure DevOps

Security Engineer

Technologies: Virtual Network, Azure Cloud Infrastructure

- Supported a team with ensuring Azure Linux and Windows virtual machines were compliant
- Reduced number of security vulnerabilities by adjusting inbound and outbound network rules
- Redesigned group policy settings such as password lengths, age, and complexity to increase security
- Incorporated security services such as Splunk, Tanium, Qualys, and Microsoft Defender for Endpoint

Software Projects

Capstone Project: Teaching Tools

January – March 2022

- Collaborated with a classmate to create a Canvas Learning Tool Interoperability
- Utilized Canvas and Google APIs for efficiency
- Built project with eight features that helped increase professors' productivity
- Developed project using Python, React, Flask, and Azure DevOps for CI/CD

Certifications

- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900)
- Microsoft 365 Certified: Fundamentals (MS-900)
- Hashicorp Certified: Terraform Associate (002)

Weakness: I have trouble with conflict, so when there is work that is not properly done by another teammate and I feel like it would be a complicated conversation with possibly hurting feelings than I rather do the work myself.