# James Landry

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### Summary

Detail-oriented and adaptable Azure Engineer and Site Reliability Engineer (SRE) with strong experience in cloud technologies, automation, and troubleshooting. Proficient in CI/CD, incident management, and infrastructure management using Microsoft Azure, Terraform, and related tools. Experienced with a variety of programming languages and committed to continuous learning.

### Professional Experience

#### Azure Engineer / Site Reliability Engineer

PwC (Contract: SkillStorm)

August 2022 - November 2024

* Managed and optimized Azure DevOps pipelines to streamline CI/CD deployments and automate workflows.
* Monitored application health and performance using Azure Portal and Application Insights; identified and resolved system issues.
* Automated SSL/TLS certification tracking for critical applications, reducing downtime risks.
* Delivered on-call incident response through PagerDuty, ensuring rapid resolution and high system availability.
* Architected and deployed scalable infrastructure using Azure Traffic Manager, VM Scale Sets, and Load Balancers.
* Developed Infrastructure as Code (IaC) with Terraform, creating reusable modules to enforce environment consistency.
* Administered and fine-tuned Azure networking configurations to enhance performance and security.
* Created and presented system architecture diagrams and progress updates to stakeholders using draw.io.
* Implemented monitoring and alerting with DataDog to proactively detect and resolve issues.
* Utilized ServiceNow for change management, incident tracking, and emergency response workflows.
* Applied Python scripting for cloud automation tasks and supported container orchestration using Kubernetes.

#### Masters of Science in Computer Science

The University of Texas at Dallas, Richardson, TX

August 2020 - May 2022

* 9 hours from completion

### Projects

* Developed a Python-based Rock, Paper, Scissors game with a CPU opponent, incorporating functionality to track win/loss/tie statistics and displaying a win percentage. Enhanced the user experience by handling input errors and providing clear feedback.
* Used various AI tools to create a GUI version of Reversi in Python. Code was reviewed before use to check for errors.The code was iteratively updated with new features.

### Education

#### Bachelor of Science in Computer Science

The University of Texas at Dallas, Richardson, TX

August 2016 - May 2020

### Certifications

Microsoft Azure AZ-900 – Fundamentals

Microsoft Azure AZ-104 – Administrator

Google IT Support Professional

### Technical Skills

Java, Python, C/C++, C#, SQL, HTML5, JavaScript, PHP, Microsoft Azure, Google Cloud Platform, Azure DevOps, Terraform, Datadog, PagerDuty, MySQL, MongoDB, Application Insights, Datadog, PagerDuty, Load Balancing, Traffic Manager, Virtual Machines, Scale Sets, ServiceNow, Kubernetes

### Leadership & Extracurricular Activities

#### Computer Security Group

Member

2018 - 2020

#### The Pokemon League at UT Dallas

**Secretary**

Spring 2017 - Spring 2018

Managed meeting notes and event communications.

**President**

Spring 2018 - Fall 2021

Led meetings and liaised with the Student Organization Center.

#### A3 (Anime Club)

**Fundraising Coordinator**

Fall 2018 - Spring 2021

Organized and led fundraising efforts for the club.

**Vice President**

Spring 2021 - Fall 2021

Managed meetings in the absence of the President.