

Maurice Calloway Jr.

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WORK EXPERIENCE

Microsoft - M365 Copilot Platform Infrastructure 2025

May 2022 – July

Software Engineer - Level 60 | March 2023 – July 2025

Redmond, WA

- **Refactored** management APIs, cutting debug cycles **50%** by replacing generic 500s with actionable errors—freeing **8+ engineers** to ship faster.
- **Modularized** the provisioning workflow, splitting a monolith into reusable modules—doubling deployment speed and accelerating test iterations.
- **Extended** Data Science VM lifespans in TDP sandboxes **from 30 to 60 days**, halving environment re-provisioning effort for data scientists.
- **Restored** partner DSVM access in under **24 hours**, taking uptime from **0% to 100%** and earning formal client commendation.
- **Retired** obsolete UI elements in the platform portal, trimming sandbox-setup support tickets by **≈20%** and releasing engineers for higher-value work.

Software Engineer - Level 59 | May 2022 – March 2023

- **Secured 1st place** in FHL 2023 “Best Security Project” out of **100+ entries**, earning direct recognition from the Microsoft 365 VP Engineering, Giselli Panontini.
- **Implemented** safe-deletion checks in the management API, cutting orphaned sandbox incidents from **~5/month to 0**—eliminating data-loss downtime across all active projects.
- **Resolved** Azure Key Vault certificate failures in the COSMIC environment, restoring pipeline success from **0% to 100%** and unblocking **~10** developer workflows.

Microsoft

May 2019 – August 2021

Software Engineering Intern (3 rotations)

Remote

- Implemented a UI/UX Proof-of-concept for the Euclid Workspaces team to improve scenario onboarding times
- Developed a management system that allowed Tenant Admins to upload their business locations in bulk within Microsoft Teams
- Used Azure Machine Learning Workspaces to analyze data usage patterns and identify partner teams

New Technologists Summer Academy

May 2018 – August 2018

New Technologist

Redmond, WA

- Worked closely with software engineers and project managers at Microsoft to develop mobile apps using Swift, learn soft skills, and improve our personal networking

EDUCATION

Washington State University

May 2022

Bachelor of Science, Computer Science

Pullman,

Washington

- Team Mentoring Program mentee, National Society of Black Engineers, WSU Wind Ensemble

SKILLS & INTERESTS

- **Technologies:** C#, PowerShell, KQL, React/TS, Swift, HTML, JavaScript, SQL
- **Cloud/DevOps:** Azure DevOps, Azure Machine Learning Workspaces
- **Tools:** Mermaid, PowerBI
- **Skills:** Wireframing; UI/UX Design; Dashboards; Accessibility; Mentoring; Post-mortems; Document curation
- **Interests:** Weightlifting; Football; Basketball; Recreational Sports; League of Legends; Euphonium; Trumpet;