

Myles Lamb

github.com/mylesalamb

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EDUCATION **University of Glasgow**, Scotland
Bachelor of Science (Bsc), Computer Science
Honours of the first class (1:1) **Sept 17 - June 21**

TECHNICAL SKILLS **Languages :** Python3.x, C, POSIX Shell
Tools/Frameworks : FastAPI, Kubernetes/OpenShift, Helm, S6 init, Docker
Other: JFrog Suite, MongoDB, AWS, Azure

EXPERIENCE **Morgan Stanley : Director, Cloud & Infrastructure** **Jun 20 - Present**

I have primarily been working within the DevOps space with a particular focus on software distribution with JFrog Artifactory. This role has led me to pursue topics in a variety of different areas, such as.

- Developing access monitoring solutions using MongoDB to decommission stale packages.
- Architecting deployment and load balancing patterns for business critical infrastructure. Across both on-premises datacenters and public cloud.
- Implementing support for Artifactory to behave as a Nix binary cache.
- Demonstrating patterns for reproducible and rootless container image builds.
- Delivering tooling to empower operations to address infrastructure failures, or otherwise achieve disaster recovery objectives.

PROJECTS **TauOS** **Jun 21**

A C based operating system targeting ARM64. Featuring some basic kernel utilities and development tooling.

- **Technology/Tools:** C, ARM64 Assembler, GNU Make
- **Link :** github.com/mylesalamb/TauOS

Where Is ECN Stripped On The Network? **Jun 21**

A Network measurement study that I conducted as part of my honours degree. This involved the production of a new network analysis tool that measures the traversal of ECN markings for temporal comparisons, as well as measuring ECN inhibitors for novel network protocols such as QUIC.

- **Technology/Tools:** C, Terraform, AWS, Python
- **Link :** mylesalamb.com/static/IndividualProject.pdf

RELEVANT COURSES • Advanced Systems Programming • Networked Systems
• Advanced Software Engineering Practices • Operating Systems
• Functional Programming • Distributed and Parallel Systems

References available on request