

Myles Lamb

github.com/mylesalamb

mylesalamb.com

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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, Java, C, POSIX shell
Tools/Frameworks : Linux, Git, Jenkins, Kubernetes
Familiar : Golang, Grafana, Loki

EXPERIENCE **Morgan Stanley : Technology Associate** **Jun 20 - Present**

Working within the DevOps space with a particular focus on software distribution / release artifact management. This role has lead me to pursuit a variety of different areas such as.

- Demonstrating modern package management patterns for Microsoft Powershell.
- Exploring Peer-to-peer caching technologies delivering increased resiliency as well as performance.
- Developing micro-services to improve artifact hygiene.
- Revamping user and diagnostic tooling to improve user experience when things are going right as well as wrong.

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

A C based operating system targeting the Raspberry Pi 4B. Featuring some basic kernel utilities, and bespoke 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, measuring 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

IPoSMS **Oct 19**

A text based browser that operates entirely over SMS using the Twilio API. This was a project developed as part of University of Glasgow Tech society's annual hackathon.

- **Technology/Tools:** Flask, Java, Gradle
- **Link :** github.com/mylesalamb/IPoSMS

HOBBIES Outside of work I am an avid Linux enthusiast, most recently I have been using Artix Linux. A fork of Arch Linux that uses runit in place of systemd. Additionally, I am a member of EdLUG (Edinburgh Linux User Group), that is centered around the dissemination of Linux and FOSS (Free/Libre and Open Source software).

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

References available on request