Myles Lamb

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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**

Balerno High School, Scotland
2 Adv Highers, 7 Highers   **Aug 11 - May 17**

TECHNICAL SKILLS

Languages : Python3.x, Java, C/C++, POSIX shell
Tools/Frameworks : Linux, Git, Jenkins, Docker
Familiar : Rust, Erlang, Haskell, Scala

EXPERIENCE

Morgan Stanley : Software Developer (Contractor) December 20 - Present
Working within application infrastructure, focusing on modifications to existing CI/CD tooling such that they do not necessitate root access, as required by Docker.

Morgan Stanley : Technology Summer Analyst   **Jun 20 - Aug 20**
Working within application infrastructure, focusing on CI/CD pipelines to facilitate the environment agnostic deployment of OCI images.

freelancer.com : Freelance Software Developer   **Dec 18 - Feb 20**
Primarily implementing code to interact with REST APIs relating to crypto-currency trading platforms, with minor projects in implementing UIs for existing projects.

PROJECTS

TauOS   **Jun 21**

A C based operating system targeting both the Raspberry Pi 3 and 4 (arm64). Featuring a 3rd stage UART bootloader and some basic kernel utilities.
- **Technology/Tools:** C, Assembler, GNU Make
- **Link :** github.com/mylesalamb/TauOS

RayC   **Feb 21**

A simple Raycaster built over the PixelVision8 SDK overcoming the limitations imposed by a traditionally 2D engine as part of Glasgow Tech Society's annual hackathon.
- **Technology/Tools:** Lua
- **Link :** github.com/mylesalamb/RayC

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. I use the dwm window manager, a piece of software that you add features to by editing the source code directly.

RELEVANT COURSES

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

References available on request