

# Myles Lamb

[github.com/mylesalamb](https://github.com/mylesalamb)

[mylesalamb.com](https://mylesalamb.com)

[mylesalamb@gmail.com](mailto:mylesalamb@gmail.com)

EDUCATION	<b>University of Glasgow</b> , Scotland <i>Bachelor of Science (Bsc)</i> , Computer Science Honours of the first class (1:1) <b>Sept 17 - June 21</b>
	<b>Balerno High School</b> , Scotland <i>2 Adv Highers, 7 Highers</i> May 2017
TECHNICAL SKILLS	<b>Languages :</b> Python3.x, Java, C, POSIX shell <b>Tools/Frameworks :</b> Linux, Git, Jenkins, Docker <b>Familiar :</b> Rust, Erlang, Haskell, C++
EXPERIENCE	<b>Morgan Stanley : Technology Summer Analyst</b> <b>Jun 20 - Aug 20</b> Working within application infrastructure, focusing on CI/CD pipelines to facilitate the environment agnostic deployment of OCI images.
	<b>freelancer.com : Freelance Software Developer</b> <b>Dec 18 - Feb 20</b> Primarily implementing code to interact with REST APIs relating to crypto-currency trading platforms, with minor projects in implementing UIs for existing projects.
PROJECTS	<b>TauOS</b> <b>June 2021</b>  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. <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> C, Assembler, GNU Make</li><li>• <b>Link :</b> <a href="https://github.com/mylesalamb/TauOS">github.com/mylesalamb/TauOS</a></li></ul>
	<b>RayC</b> <b>Feb 2021</b>  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. <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> Lua</li><li>• <b>Link :</b> <a href="https://github.com/mylesalamb/RayC">github.com/mylesalamb/RayC</a></li></ul>
	<b>IPoSMS</b> <b>October 2019</b>  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. <ul style="list-style-type: none"><li>• <b>Technology/Tools:</b> Flask, Java, Gradle</li><li>• <b>Link :</b> <a href="https://github.com/mylesalamb/IPoSMS">github.com/mylesalamb/IPoSMS</a></li></ul>
	<b>HOBBIES</b> Outside of work I am an avid Linux enthusiast, most recently I have been using Artix Linux. A fork of Arch Linux that replaces the systemd init system.
RELEVANT COURSES	<ul style="list-style-type: none"><li>• Advanced Systems Programming</li><li>• Networked Systems</li><li>• Advanced Software Engineering Practices</li><li>• Operating Systems</li><li>• Functional Programming</li><li>• Distributed and Parallel Systems</li></ul> <b>References available on request</b>