JORDI BUGLER-LAMB

St Andrews, Scotland — jordi.laird@outlook.com — 0044 7729 270682 — jordibuglerlamb.com

ABOUT ME

Born and raised in France, allowing me to be fluent in French as well as English, I have continued my higher education in Scotland to pursue a future in Computer Science Engineering. I'm constantly looking for ways to expand my knowledge through collaboration at work, in school or through my own projects.

EDUCATION

University of St-Andrews, Scotland, 2018-2025 — MSci Computer Science
High School of Dundee, Scotland, 2016-2018 — SQA Highers/Advanced Highers
Lycée Pierre de Coubertin, France, 2011-2016 — Brevet des Collèges

EXPERIENCE

Yookr B.V. — Horst, Netherlands
Software and Technical Operations Engineer — 06 2023 - Present

- Fostering professional connections with neighbouring agricultural partners through a user- modifiable dynamic API interface. Eliminated the necessity for engineers, facilitating effortless connections with new companies, resulting in a monthly savings of €2.5k.
- Assumed a critical role in architecting and deploying the infrastructure to host the company's live applications, resulting in significant cost savings by reducing reliance on third-party hosting services.
- Gained valuable customer service insights by effectively incorporating user requirements into software specifications while collaborating with the company's strategic partners.
- Accumulated extensive teamwork expertise by orchestrating the successful execution of a multifaceted project composed of contributions from various team members.

Clevermed Ltd. — Edinburgh, Scotland
Junior Software Engineer — 09 2021 – 02 2022

- Enhanced company system applications to collect comprehensive statistics and logs, and effectively visualized performance data on Grafana. This proactive approach enabled the organization to detect system anomalies and failures in advance, thus ensuring a seamless client experience.

Clevermed Ltd. — Edinburgh, Scotland
Software Engineer Intern — 05 2020 - 08 2020

- Engineered a robust migration tool to seamlessly transition the organization's task management processes to Microsoft DevOps Boards as part of the comprehensive company-wide system migration to Microsoft Azure.

PROJECTS

PH, EC and Temperature Monitoring
Project Link: `https://github.com/JBLGithub/ph-project`

- Expanded the functionality of an Arduino microcontroller to implement a real-time monitoring system for a small-scale hydroponic cultivation setup, leveraging relay control and analog sensors for precise data acquisition and analysis.
- Endeavored to adjust the pH of a water solution through the application of electrolysis of water.

Network Service Reconnaissance
Project Link: `https://github.com/Tectagon/active-information-gathering`

- Designed a custom script to conduct network scans, systematically cataloging available services and their respective versions, with a primary objective of identifying potential vulnerabilities within a local network environment.

Wireless Network Reconnaissance
Project Link: `https://github.com/Tectagon/wifi-enumeration`

- Currently in the process of crafting a C program that leverages essential libraries like 'pcap' to enumerate wireless networks accessible via a designated interface. The ultimate goal is to create a sophisticated tool capable of identifying and highlighting networks susceptible to security breaches due to weak configuration settings.

SKILLS AND HOBBIES

- **Programming:** Java, C, C#, Rust, Python, Bash, TypeScript, CSS, SQL, LaTeX.
- **Framework/Applications:** Actix/Wrap, .NET, NodeJS, React, MongoDB, Elastic, Redis, Podman.
- **Accomplishments:** Mod A University Officer Training Camp, Flesh D'or (for high level skiers), PADI Open Water
- **Hobbies:** skiing, sailing, scuba diving, basketball, cycling, swimming, cooking and camping.
- **Languages:** English, French.