CALIN ILIE

+44(0)7776900428 ⋄ calin@ilie.io

github.com/calini

linkedin.com/in/calini

EDUCATION

University of Manchester *September 2016 - July 2020*
BSc in Computer Science with Industrial Experience *First Class Degree Standard*
School of Computer Science

TECHNICAL STRENGTHS

Computer Languages	**Go**, **Java**, Python, TypeScript, C
Software & Tools	**Gin Gonic**, **Spring Boot**, **Docker**, Kubernetes, Helm, Google Cloud, Postgres, ActiveMQ, Linux, Git, Bash, Jenkins

EXPERIENCE

The Hut Group - Security Hub July 2018 - Present

· Built a system to manage and supervise network activity within the Technology department
· Consists of a comprehensive dashboard allowing higher management or relevant teams to observe and take decisions on network activity, firewall, domain names, OS/application level vulnerabilities and other suspicious activity

The Hut Group - Magellan/Blackbeard October 2018 - January 2019

· Built a system to automatically scan for network vulnerabilities, and report on any vulnerabilities
· Components were built in Spring Boot using ActiveMQ, Apache Camel, and PostgreSQL, and deployed in Docker on Google Kubernetes Engine
· Front-end was built in Angular 6 using ChartsJS, email reporter tool in Go with Viper/Cobra

The Hut Group - CSP Ecosystem July 2019 - August 2020

· Developed a scalable reporting system receiving Content Security Policy reports from clients, capable of analysing thousands of reports per second
· Built mainly in Gin (Go), it leverages Prometheus and Grafana to generate statistics and alerts about 3rd party content being loaded on our customer facing websites, depending on content type, geolocation or source website

ACADEMIC ACHIEVEMENTS

Currently representing the University of Manchester as a Student Ambassador. Working on events designed to promote the University of Manchester as a study destination to prospective students and parents *January 2017 - Present*
Ranked first place in Dan Barbilian Regional algorithms contest, competing against more than 200 participants *March 2014*

RELEVANT COURSES

Core Courses	**Other Courses**
Computer Networks	Distributed Systems
Cryptography and Network Security	Software Engineering