**ORTEGA JANNE MARTINI LAGMAY**

**Cybersecurity Engineer, Analyst, Software Developer**

+65 8857 9744 | oljmartini@gmail.com



**RESUME SUMMARY**

Polytechnic graduate holding a Diploma in Infocomm Security Management. Strong technical skills in Programming and Information Security Management with distinctions in modules such as Database Systems and Intrusion Detection and Prevention.

Embarked on a 20-week internship at National Cybersecurity R&D Lab, working on a Provisioning Platform project and building my team collaboration and problem-solving skills. Received the Service Excellence (Merit) Award from Republic Polytechnic in recognition of my contribution as a Peer Support Leader.

**KEY SKILLS**

• Programming (Python, Java, SQL, CSS, HTML, PHP)

• Operating Systems (Windows, Linux)

• Networking (TCP/IP)

• IDS/IPS (Snort)

• Ethical Hacking

• Leadership and Communication

• Detail-oriented

• Problem Solving

**EDUCATION**

**Highest Qualification**

Diploma in Infocomm Security Management

- graduated 2022, Republic Polytechnic

**WORK EXPERIENCE**

**INTERNSHIP Sep 2021 – Jan 2022**

**National Cybersecurity R&D Lab**

Worked on a Capture the Flag Provisioning Platform Project:

* Designed schema and implemented database using MySQL.
* Determined user needs and ensured necessary data was retrieved, stored and secured.
* Coordinated with Front-End and Back-End teams.

**PROJECT EXPERIENCE**

**REAL-TIME MALWARE THREAT FEED ANALYSIS SYSTEM 2021**

**Republic Polytechnic, C300 FYP**

* Pulled data from intelligence sites to feed into an SIEM (Splunk) through a python script.
* Filtering the pulled data and identifying IOCs to send an alert.
* Inputting data into interactive dashboards like User Analytics Behaviour dashboard for classification, reporting and correlation.

**PENETRATION TEST LABORATORY & CAPTURE THE FLAG 2021**

**Republic Polytechnic, C200 Special Projects**

* Designing and implementing a network infrastructure consisting of both Linux and Windows Operating Systems and exploiting its vulnerabilities such as Cross-Site Request Forgery, DLL Hijacking, Unquoted Service Path, and Misconfigured Cronjob.
* Documentation on vulnerabilities and providing solutions on securing them.
* Creating flags on Diffie Hellman and Audio Steganography for Capture the Flag.

**EXTRACURRICULAR ACTIVITIES**

**Couples for Christ – Youth for Christ Singapore**

**Area Leader (2020 – Present)**

* Conducts monthly meetings for pastoral guidance of members.
* Spearhead planning for events.

**National Conference 2022 Admin & Finance Head**

Biggest annual event with over 200 participants.

* Led budget planning and managed expenses.
* Documented and facilitated meetings.
* Oversaw all preparation and coordinates with the team.

**Republic Polytechnic, School of Infocomm Club**

**Peer Support Leader (2019 – 2021)**

* Photographer, Video Editor & Poster Designer.
* Emcee & Dance IC for Welcome Programme 2021.
* Peer Support Leader for Orientation Programme 2021.

**AWARDS**

* Service Excellence (Merit) Award (2021)
* Director’s Honour Roll (2019)
* Rotary Club of Changi Scholarship (2016 – 2018)