

Glorison Lai

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Experience:

(Certificates and referrals available on request)

Penetration Tester

Freelance

Jun 2021 - Current

- Performed code auditing and exploitation of public facing services
- Wrote custom scripts to perform network scanning
- Wrote vulnerability reports as deliverables to clients
- Performed industry-standard enumeration including Nessus scanning, WHOIS enumeration and Google dorking

Web Developer

Billow Software

Sept 2019 - Jan 2021

- Implemented secure authentication flow and storage with 2FA and BCrypt
- Developed Pub/Sub system for real-time support ticket responses
- Developed file parser for CSV files with integration to external APIs
- Developed user interaction tracking systems for an admin dashboard
- Developed content delivery system by parsing and writing to MongoDB

Technical Projects:

(Source available on [Github](#))

Portfolio/CTF: AWS Lambda, PHP, Postgres, React, Typescript

- Portfolio website with generative art backgrounds
- Hosts challenges to unlock backgrounds solved by exploiting common web vulnerabilities

Messaging App: Express, MongoDB, React, Socket.IO, Typescript

- Real time messaging app storing encrypted messages using Diffie-Hellman key exchange

Markov-Chain Wordlist: Python

- Python script creating a wordlist containing "typeable" passwords, generating a wordlist for brute forcing uncommon credentials

Weather App: Express, Node Fetch, React

- Website integrating with OpenWeather API to fetch weather data

Certifications:

OSCP: Currently studying

Education

Bachelor of Commerce / Computer Science	Monash University	2019 – 2022
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Computer Science: Algorithms, Network Architecture, Databases, OOP, Software Foundations

Commerce (Business Analytics): Leadership, Statistical Analysis, Statistical Modelling

Technologies

Azure, AWS, React, Typescript, Python, Java, PHP, MongoDB, SQL