
EMPLOYMENT

Software Engineer, Employee **Bitcare JSC** **May 2023**

Bitcare DLP

- Build a centralized management system for data loss prevention and anti ransomware product, remote command endpoint clients: set policy from server; remote scan system. Intergrate data to XDR and SIEM systems.

Software Engineer, Employee **CMC Cyber Security** **Sep 2020 – Apr 2023**

CMC Enpoint Security

- Developed and implemented a module that can detect and remove other antivirus solutions on system.
- Developed internal encrypted end-to-end chat application and integrated into CMC Endpoint Security.
- Developed and implemented CMC Endpoint Security products on Linux and MacOS operating systems.

Cloud CMDD

- Built an internal website to manage over 300,000 license for CMC Endpoint Security solution.
- Developed cloud center (CMDD) for CMC Endpoint Security solution.

Pentester, Intern **CMC Cyber Security** **Apr 2020 – Aug 2020**

- Perform application and penetration tests using established testing methodologies such as OWASP and PTES.
- Conduct network and application vulnerability scans with automated tools such as Nessus, Acunetix, Burpsuite, and Nmap.

Software Engineer, Intern **CMC Cyber Security** **Oct 2019 – Mar 2020**

CMC Internet Security

- Researched application interface builder on windows.
- Built a product module that sets up security policies for the operating system.
- Researched and developed the task manager module.

EDUCATION

Ha Noi, Viet Nam **Academy of Cryptography Techniques** **Aug 2018 – Aug 2023**

- M.S.E. in Information Security, Aug 2023. GPA: 2.81
- Graduate Coursework: Software Foundations; Computer Architecture; Algorithms.
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Calculus; Malware Analysis.

TECHNICAL EXPERIENCE**Projects**

- **Website monitoring privacy policy** (2021). Monitor and track system security policy violations, APT attacks. PHP, JavaScript, SQL
- **Software on Linux, MacOS** (2022 - 2023). Built anti-virus software on multiple operating systems. Golang, JavaScript, Sciter
- **API attacks** (2023). Learn API exploit techniques and build OpenID Connect protections for APIs. Burpsuite, DVWS

Languages and Technologies

- Golang; Delphi; PHP; Java; C, Python, SQL; JavaScript
- Visual Studio; AWS; Microsoft SQL Server; MySQL; Git; Eclipse, JetBrains, Interface Builder