

Alexandria S. Lim

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TECHNICAL SKILLS

Programming Languages - proficient

Java, Python, C++

Programming Languages - familiar

C, JavaScript, Assembly, Bash

IDEs

IntelliJ, Android Studio

Knowledge Areas

Cryptography, Computer Networking, OWASP Top 10

Operating Systems

Linux, Windows

EDUCATION

Honors Bachelor of Science in Computer Engineering

University of Arkansas, Fayetteville, AR

Expected May 2023

Cumulative GPA: **3.92/4.0**

Bachelor of Arts in German

University of Arkansas, Fayetteville, AR

Expected May 2023

INTERNATIONAL EDUCATION

Technical University of Darmstadt Exchange Program – Darmstadt, Germany

Bachelor of Computer Science, German as a Foreign Language – UNICert Level II

Sept 2021 – Aug 2022

PROFESSIONAL EXPERIENCE

Regnology Application Security Intern – Regnology, Frankfurt, Germany

Mar 2022 – Aug 2022

- Interned on the application security team at an internationally diverse financial technology company selling banking regulatory software used by over 500 financial institutions
- Created new automatic scans in automation tool Jenkins of both source code and container images for vulnerabilities and unsafe libraries using code scanner tools SonarQube and Dependency Track
- Collaborated with software engineer teams to remove unsafe and noncompliant libraries and code from products

Pendo Security Engineering Intern – Pendo, Raleigh, North Carolina, USA

June 2021 – Aug 2021

- Supported the information security team with endpoint management and security operations for a company selling product analytics software that is used in over 2000 companies
- Integrated honeypot tool Deception Logic into the internal test environment to collect incoming attack traffic
- Improved understanding of potential threat actors by forwarding and analyzing attack traffic in SIEM Sumo Logic

IT Network Technician – University of Arkansas, Fayetteville, Arkansas, USA

July 2020 – May 2021

- Supported the maintenance of a wireless enterprise network with 68,000 daily devices and a wired access enterprise network with 45,000 wired network ports and two datacenters
- Resolved diverse range of tickets from activating network ports, managing records on enterprise databases, troubleshooting connectivity problems
- Engaged regularly with clients to resolve issues, updated and organized personal and team documentation, collaborated with 7 network engineers and 6 network technicians to receive assistance for tickets

COLLEGIATE INVOLVEMENT

Member of CyberHogs – competitive cybersecurity team at the University of Arkansas

Jan 2018 – May 2021

- Competed in the regional 2019, 2020 Southwest Collegiate Cyber Defense Competition role playing as a defensive IT team against a red team of professional security analysts and penetration testers
- Discussed topics relating to information security and worked together on activities such as HackTheBox

ENGINEERING PROJECTS

University of Arkansas Honors Thesis – Preserving Smartphone Data Privacy with SOLID

Aug 2022 – present

- Programming a library that uses the data privacy specification SOLID, which will be used for mobile app development

University of Arkansas Senior Design Project – Room Scheduling Web Application

Aug 2022 – present

- Developing a Django web application for the University of Arkansas Data Science dept to schedule meeting rooms

AWARDS AND SCHOLARSHIPS

University of Arkansas Honors College Fellowship

Aug 2018 – Present

- University of Arkansas' most selective scholarship, awards \$72,000 yearly to maximum 90 incoming students with average GPAs of 4.19 and ACT scores of 33.83

Arkansas Governor's Distinguished Scholarship

Aug 2018 – Dec 2022

- Arkansas state scholarship that awards \$40,000 for the entire college career

FOREIGN LANGUAGES

German – Common European Framework of Reference for Languages (CEFR) B2 Level, limited working proficiency

Korean – heritage language, limited working proficiency