Saul Isui Lugo Martinez

Computer Systems Engineer

Cybersecurity | Networking | Pentesting | Research

Contact

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About me

I'm a recently graduated professional with a deep passion for science and research, particularly in the fields of cybersecurity, computer systems and programming. I am excited by the prospect of being part of a team where I can apply my knowledge to address challenges and propose innovative solutions.
My self-taught approach, combined with my analytical skills, allows me to tackle new problems with determination and effectiveness.

SOFT SKILLS

- Multidisciplinary teamwork
- Working under pressure
- Proactive
- Problem-solving
- Effective communication
- Excellent customer/client service
- Analytical skills
- Technical and scientific writing skills

HARD SKILLS

- Java SE, Python
- HTML, CSS, JavaScript
- .Net, C#, ASP.Net, C, C++
- Git & GitHub
- MySQL (CRUD, Transactions, Procedures)
- NoSQL (MongoDB, Elasticsearch, PowerBI)
- Linux (Ubuntu, Kali, Parrot)

- Excel - Intermediate
- Burp Suite
- Wireshark, Snort
- Nmap, Sqlmap
- Networking
- Routing (Static, EIGRP, OSPF, BGP)
- Metasploit

Professional experience

Research Assistant (Scientific Summer Program, CONAHCyT Scholarship)
Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), Puebla, Mexico.
June 2023 - August 2023
- Research Line in Cybersecurity, the project involved pentesting of mobile applications for the Android operating system.
- Malware Injection with Metasploit.
- Static and dynamic analysis of mobile applications.

IT Assistant at the Academic Development Department at TECNM Pachuca Campus (Social Service)
Tecnológico Nacional de Mexico campus Pachuca. Hidalgo, Mexico.
January 2023 - June 2023
- Data analysis with Excel
- ETL Processes
- Technological solutions
- Preventive and corrective maintenance of computer equipment
- Report generation in Excel
- Support in event logistics

Computer Systems Technician at COBAEH (Social Service and Internship)
Colegio de Bachilleres del Estado de Hidalgo. Hidalgo, Mexico.
August 2017 - June 2018
- Preventive and corrective maintenance of computer equipment
- Administration of Linux Laboratory (Edubuntu)
- Network Assistant

Languages

- English B2 - Technician (Certified)
- Native Spanish

Most relevant courses and certifications

Gestión y respuesta a incidentes - **ESET LATAM**
Network Defense Essentials NDE - **EC-council**
Ethical Hacking Essentials EHE - **EC-council**
Introduction to Cybersecurity - **CISCO**
Ethical Hacker - **CISCO**
Cyber Threat Management -**CISCO**
Microsoft Certified Azure Fundamentals - **Microsoft**
Certified Fundamentals Cybersecurity - **FORTINET**

Publications

COMPLEMETARY ANALYSIS OF THE IMPACT OF TEACHER TRAINING COURSES AT THE TECNM CAMPUS PACHUCA
Journal of Engineering Research
DOI 10.22533/at.ed.3173252324073
https://www.semanticscholar.org/paper/Complementary-Analysis-of-the-Impact-of-Teacher-at-Pagola-Arteaga/65d89436d4c0a06e2ac56e382b31d734344ef00f

ANÁLISIS DE SEGURIDAD DE APLICACIONES MÓVILES WEARABLES PARA SISTEMA OPERATIVO ANDROID
Research Gate
https://www.researchgate.net/publication/378494142_Analisis_de_seguridad_de_aplicaciones_moviles_wearables_para_sistema_operativo_Android