ADAM LAHBIB

Undergraduate Network Engineering Student,
CTF Player @ **SOter14**, SOC & Forensics Analyst,
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EXPERIENCE

Sep 22 – Present
Hybrid, INSAT

Securinets Technical Team Member — **Securinets**
- We Organized more than 6 CTF events; Contributed to designing and supervising the competition's infrastructure.
- Co-hosted Digital Forensics and Network Analysis workshops for Securinets members and guests.
- Collaborated in writing cyber-security challenges in Forensics, Open Source Intelligence, Steganography, IoT, etc.
- Contributed to CTFd by making themes, challenge health checker, multi quests, first blood, & certificates plugins.

```
DFIR  /  OSINT  /  Volatility  /  Linux  /  Wireshark  /  CTFd  /  Python & Flask  /  Cloudflare
```

Jul 22 – Aug 22
Charguia 1, Tunis

Metaverse Developer Intern - Talan's Most Valuable Interns — **Talan Tunisia International's Summercamp'22**
- Built a mutliplayer game-centered 3D metaverse prototypes for Talan SAS and the UEFA ambassador in Tunisia.
- Engaged in project planning, low-poly asset collection for smooth online gaming, and merging Blockchain contracts.
- Made a mixed-reality game experience for Microsoft HoloLens 2 headset.

```
Unity 3D  /  C#  /  Photon Engine  /  Blender  /  Solidity
```

Jul 21 – Aug 21
Remote

Web Developer Intern — **Siporty LLC**
- Redesigned the Siporty tipping platform for local content creators for a better UX and 3 times faster loading time.
- Implemented new features in response to user feedbacks and was involved in placing payment gateways.
- Handled all composition, color, illustration, typography based on client aspirations and similar platforms.

```
Angular  /  Express  /  Mongo
```

EDUCATION

Sep 21 – May 24 **Second-Year Undergraduate Telecommunications Network Engineering Student** — **Cloud & Networking Classes**
Sep 18 – May 21 **Graduated Integrated Preparatory Cycle** — **MPI – Maths, Physics, and IT, Common Stream Class**
INSAT – National Institute of Applied Science and Technology, University of Carthage. — **North Urban Center, Tunis**

PROJECTS

Apr 23 – Present
INSAT

Automating Web App Deployments on Google Cloud with Kubernetes "Kli8nt" — **End-of-second-year Project**
- Co-designed a custom Kubernetes controller for automating the deployment of webapps from GitHub to the cluster.
- Integrate Redis into the backend for communications with Kubernetes and implement logging and monitoring.
- Allocate sub-domains and configure Nginx ingress controllers for load balancing and routing web traffic to MSAs.

```
Go  /  Github-API  /  K8s  /  Client-Go  /  Nginx  /  Prometheus  /  Cloudflare  /  GKE  /  App Engine
```

Apr 22 – May 22
INSAT

DevOps Flow for a Micro-service Architecture Webapp on Azure Kubernetes Service — **End-of-first-year Project**
- Established a proof-of-concept webapp fully in micro-service architecture that responds to DevOps concepts.
- Wrote CI pipelines, added DevSecOps tests using Splunk, and helped deploy the full project to Azure AKS.
- Configured the logging & monitoring stack containers in the cluster.

```
Go  /  Typescript  /  Azure AKS  /  Gitlab CI  /  Nginx  /  Prometheus & Grafana  /  Snyk
```

Other Projects
- Developed a full-fledged club website using React, Typescript, Redux, Express, and PostgreSQL for TechLens.
- Participated in Building a round-based Competitive Programming interface for ACM's Battle Royale using React TS.
- Created a web interface for Sollectify, Solana NFT Marketplace; finished top 20 during Solana Int'l Summer Hack'21.
- In 2021, built the widely acclaimed Solana Companion featuring the latest big trades, staking estimator, wallet value tracker, SPL token to Serum markets, and SPL ICOs watcher.

NOTABLE

Date		
Feb 23 – Present	**Google Cloud Platform Journey**	**Google Cloud Skills Boost Badge Profile**
Jan 23 – Present	**Microsoft Azure Journey**	**Microsoft Learn Profile**
Dec 16th, 2022	**SOter14 finished 10th out of 1,704 teams globally**	**Nahamcon EU 22 CTF by JustHacking & John Hammond**
Sep 11th, 2022	**SOter14 finished 1st in MENA, 14th Worldwide**	**CSAW'22 CTF Qualifications**
Nov 12th, 2022	**SOter14 is the runner-up in MENA, 15th/70 qualified teams worldwide**	**CSAW'22 CTF Fianls at NYUAD, Abu Dhabi**
Aug 6th, 2022	**SOter14 Team won ASCWG'22 CTF**	**Arab Security Cyber Wargames 2022 Qualifications**
Mar 15th, 2021	**CCNA Routing and Switching Certification**	**CISCO Networking Academy**

SKILLS

Web - Agility, MERN/MEAN, PostgreSQL, NestJS, Flask, Nginx, Cloudflare, Git.
Cloud - DevOps, K8s, GitLab CI, GitHub Actions, Docker, Ansible, Terraform, Azure, GCP.
Programming - Python, Golang, Typescript, JS, VB.NET, C#, C/C++, SQL.
Digital Forensics and Incident Response - Ranked **Top 60** in **Cyberdefenders**.
Experienced with Autopsy, FTK, Volatility, Wireshark, Splunk, Brim, Bash, Posh.
Misc - Networking, System Admin., Cyber-security, IoT, Game Dev., OSINT, Marketing.
Personal - Honest, Team-oriented, Troubleshooting Enthusiast, Creative, Fast learner who works efficiently under pressure, Fluent English, Class B Licensed Driver (EU).

CAMPUS & NONPROFITS

Technical team member @ **Securinets**.
Forensics trainer & author @ **Securinets**.
CTF player & author @ **SOter14 Team**.
Club board & webmaster @ **TechLens**.
Played in **+15 Hackathons** & **+30 CTFs**.
Member @ **Google DSC**.
Former **ACM** web team member.
Former **Scout**.