



Phone: +216 27 675 596

Address: Gabes, Tunisia

Mail: sarahhamouda657@gmail.com



www.linkedin.com/in/sarah-hamouda-64380718b



github.com/hmsara

Sarah Hamouda

Final-year student in Telecommunications Engineering at Enet'com, currently seeking a **4-6 months internship (PFE)**.

PROFILE

As a **self-reliant** and **curious** student with a **dynamic mindset** and **problem-solving** abilities, I hold a strong belief in the idea that learning is an ongoing journey. My objective is to enrich the field of computer science by continually acquiring new skills and **embracing exciting challenges**. I am resolute in my commitment to making a meaningful impact in an ever-evolving professional environment.

Technical Skills

- DevOps Tools:** Kubernetes K8s | Docker | Azure DevOps | Gitlab CI | Git | GitHub | Ansible | Terraform | helm
- Scripting:** Shell | Bash | Python | YAML
- Database:** SQL | MySQL | Oracle | MongoDB
- Programming Languages:** python | java | c | c++ | javascript
- Machine Learning:** Numpy | Pandas | Matplotlib | sklearn
- Big Data:** Sparck, Hadoop
- Web Development:**
 - HTML5 | CSS3 | JS | Java EE | Bootstrap5 | Angular | Node.js | rest API
- Security:** Firewall | IDS | Blockchain | Metasploit
- Operating Systems:** Linux (Ubuntu, kali) | windows
- IDE:** VsCode | Eclipse | Jupyter Notebook

Certifications

- Microsoft Azure AI (AI-900)**
(Microsoft | In progress)
- Scrum Fundamentals Certified**
(ScrumStudy | October 2023)
- EF SET English Certificate: B2**
(EF SET | March 2023)
- Microsoft Azure Fundamentals(AZ-900)**
(Microsoft | December 2022)
- CCNA1**
(cisco | September 2022)

Languages:

English: Intermediate

French: Bilingual

Arabic: Native Language

ACADEMIC COURSE

- 2021/2024 ENGINEERING PROGRAM IN TELECOMMUNICATIONS ENGINEERING.**
The National School of Electronics and Telecommunications of Sfax (Enet'com).
- 2019/2021 PREPARATORY CYCLE FOR ENGINEERING STUDIES IN MATHEMATICS AND PHYSICS.**
Sfax Preparatory Institute for Engineering Studies (IPEIS).
- 2019 BACHELOR'S DEGREE IN MATHEMATICS**
El Metouia High School.

PROFESSIONAL EXPERIENCES Internships

- 06/2023-07/2023 INTERNSHIP AS A DEVOPS ENGINEER AT ADDINN GROUP**
 - Containerization of an application with Docker and its deployment on Kubernetes cluster.
 - Creation and management of Helm Charts for deployment on Kubernetes.
 - Continuous integration and Continuous deployment pipeline (CI/CD) on Gitlab CI to ensure fast and reliable application delivery.
 - Documentation preparation to ensure traceability and a clear understanding of processes..**Key words : Containerization , Docker, Kubernetes, Helm, CI/CD, documentation**
- 07/2022-08/2022 INTERNSHIP AT TUNISIE TELECOM**
 - Management of customer complaints and proactive communication to resolve issues.
 - Troubleshooting network problems, including handling disruptions.
 - Exploration of telecommunications infrastructure for better understanding.

Projects

- 01/2023-05/2023 END-OF-YEAR PROJECT**
 - Use of DevOps technologies in the process of creating and configuring a virtual machine using Terraform, an Infrastructure as Code (IAC) tool.
 - Implementation of an Azure DevOps CI/CD pipeline to automate the deployment of the infrastructure.
 - Configuration of Azure Sentinel to detect and visualize attacks on a virtual machine hosted on Azure using geographical mapping, while monitoring logs, generating alerts, and securing access.**Key words : Azure, Azure Devops, Terraform, IAC, Docker, Azure sentinel, CI, logs, Security**
- 04/2023 KALI AND METASPLOIT TO TAKE CONTROL OF A VULNERABLE MACHINE.**
 - Setting up two machines, one for the attack and the other to serve as a vulnerable target (Metasploitable2).
 - Perform reconnaissance and vulnerability identification.
 - Initiate an attack and gain control of the vulnerable machine.**Key words : Kali , Docker, Metasploit, security, vulnerability**
- 04/2023 DYNAMIC JAVA EE WEB PROJECT**
 - Development of an application (portfolio) with two interfaces (login and signup) and a homepage, involving the design of applications and the development of features.**Key words : JSP, Servlet , JDBC , MySQL**
- 12/2022 E-COMMERCE PLATFORM WITH ANGULAR**
 - Development of a dynamic product catalog with filtering.
 - Implementation of a shopping cart system.
 - Creation of an admin dashboard.**Key words : java, swings , AWT , netBeans**

Extracurricular-activities

- 2023 Member of the "GT-DAY" organizing committee**
Member of the logistics committee, I was responsible for the overall organization
- 2017/2018 Vice President in charge of Programming and External Relations at the Junior Chamber International (JCI):**
Establishing external relationships with organizations and partners. Designing, planning, and coordinating JCI programs and events.