

# BILEL ARFAOUI

## IT TECHNICIAN



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## PROFILE

A highly motivated IT graduate with a passion for online privacy and security. Experienced in hardening techniques around operating systems, applications and networks for maximum privacy and security. Currently seeking a challenging position to utilize my technical skills in a dynamic and growth-based organization.

## Education

2020-2023

**BACHELOR DEGREE IN IT**

ISET NABEUL

Specializing in networking and IT services

2016-2020

**BACCALAUREATE DEGREE IN COMPUTER SCIENCE**

MAHMOUD MESAADI HIGHSCHOOL

Learnt basics of HTML, JS and PHP  
Gained algorithmic thinking

## LANGUAGES

Arabic



English



French



German



## Experience

MARS 2023-MAY 2023 | End-of-study Project

INTERN | HYBRID

TUNISAIR

### DEPLOYING A HIGHLY AVAILABLE VIRTUALIZED PRE-PROD ENVIRONMENT FOR AN OPERATIONAL CENTER

- Explored windows server
- Explored VMware vSphere infrastructure
- Network-based deployments with WDS (windows deployment service)
- Automated silent apps installations with PowerShell using MDT
- Captured a custom windows system image
- Intranet updating with WSUS (windows server updating service)
- Discovered Scrum methodology
- Secured the overall infrastructure with Pfsense firewall and Zabbix monitoring server

JAN 2022 - FEB 2022 | End-of-second-year Project

INTERN | REMOTE

MEDIS

### IMPLEMENTING GRAFANA SOLUTION

- Explored Grafana
- Used Influxdb as a time-series database for the collected metrics
- Used Telegraf plugin to collect the system metrics
- Used Loki plugin as log aggregation system
- Used Promtail as an agent to ship logs to Loki

AUG 2021 - SEP 2021 | End-of-first-year Project

INTERN | NABEUL

NETINFO

### DEVELOPPING A CHATBOT

- Participated in making a Chatbot based on Django framework
- Used Torch library to enable machine learning capabilities
- Used NumPy library that offers comprehensive mathematical functions
- Discovered NLTK for natural language processing
- Used chatterbot library to generate automated responses to a user's input

## SKILLS

**Web** - Django, Nginx, Apache

**Cloud** - GitHub Actions, Docker, Openstack

**Programming** - Python, JS, MYSQL, NOSQL, C

**Virtualization** - VMware vsphere

**Experienced** with Wireshark, Pfsense, Zabbix, Grafana, Snort, PowerShell, Bash, Git

**Misc** - Networking, System Admin(Linux/Windows), Cyber-security, FOSS, Marketing

**Personal** - Honest, Team-oriented, Privacy Enthusiast, Creative, Fast learner  
who works efficiently under pressure