

Nader RAIS (Security Engineering Student)

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EDUCATION

- **ESPRIT Hight Private School of Engineeing and Technologies** Ariana, Tunisia
Bachelor of Engineering in Computer Science (field of network infrastructure and data security) Sep. 2018 – Jun. 2021
- **Sfax Preparatory School** Sfax, Tunisia
Preparatory Degree Mathematics and Physics Sept. 2015 – July. 2018
- **Djerba Lycée Technique** Djerba, Tunisia
Bachelor of Maths June. 2015

EXPERIENCE

- **Freelance ; SelfEmployed** Tunis, Tunisia
Software Engineer Jan 2018 - Oct 2020
 - **Netflow Filtration** : Network packet recommender systems using collaborative filtering on ntopng datasets using Tensorflow, python ASGI uvicorn, FastAPI, Mysql SQLAlchemy and Angular.
 - **Service Management** : Managing sailsjs microservices on AWS instances using Load Balancer and Cluster automation such as delivery time optimization, tracking, queuing and A/B testing.
 - **Bulk Order**: Bulk data processing and injection service from Hadoop to Cassandra and provides a REST layer .
 - **Workflows**: Built an internal app to run threat intelligence hunting by Servers monitoring for streaming data-parallel processing pipelines.Also creating a strategy backtesting engine used for simulating threats.
 - **System Tracking and Data Collection**: Designed the survey sourcing platform for an exportation Company which allowed for creating various tasks for exportations embedding surveys.
 - **Warehousing**: Setup, schema design and management of Amazon Redshift. Built an internal app for access to the data using a web interface. Dataduct integration for daily ETL(Extract, transform, load) injection into Redshift.
- **IOWAVES** Monplaisir Ariana , Tunisia
Junior Developer Jul.2019 – Sept.2019
 - **iovision**: Developed Monitoring dashboards and data surveying tools, which helped Energy Engineers run their calculations better by providing data in real-time (NodeJS, socketio, Angular , MongoDB).
 - **IoTrant**: Created an IoT based network with Xbees and raspberry PI 3B for collecting data from electrical machines using zigbee transfert protocol and MQTT.

PROJECTS

- **Consommi Tounsi**: Ecommerce platform for Tunisian products, To enhance the financial envirenment. JEE, Wildfly.
- **educloud SOC Visualization**: Data Visualization of educcloud network Logs data using D3 and MongoDB.
- **MyGym**: Development of a Desktop application for a Gym hall with C and Glade.

SKILLS

- **Prog Languages**: Python, Scala, Javascript, JAVA, Rust, C **Technologies**: Nodejs, VueJS, JEE/spring
- **Cloud**: AWS, Openstack, Docker, kubernetes, Jenkins, Ansible, Kafka **Monitoring**: Splunk, ELK, Zabbix
- **Security**: Metasploit, Forensics, Pwn, Snort, IDS/IPS, Firewalling **Versioning**: Git, Bitbucket
- **Experience In Linux commands and Scripts** daily user **Virtual Envirenment**: KVM, VMware, Vbox

LANGUAGES

- **English**: B2 professional level, read write and spoken **Frensh**: B2 professional level, Fluent
- **Arabic**: Native Language **Spanish**: Medium Level read and spoken

SOFTSKILLS AND HOBBIES

- **Chess Playing**: Organize and play chess tournaments **codingamer**: day to day player at codingame.com
- **Camping**: Head of a camping group **Golf**: Member of Djerba Regional Team **CTF player**: Staff on vulnhub