

Rania HELAOUI

SOFTWARE ENGINEER

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Training

National School of Electronics and Telecommunications of Sfax

SFAX, Tunisia

NATIONAL DIPLOMA OF TELECOMMUNICATIONS ENGINEERS - NETWORK SECURITY - ENET'COM

SEP 2015 - JULY 2018

- Software Engineering, Object Oriented Programming, Architectures, Network Systems, Security Protocols, Network Administration...

Preparatory Institute for Engineering Studies of Monastir

MONASTIR, Tunisia

ENGINEERING CYCLE PASSAGE COMPETITION - PHYSICS / TECHNOLOGY - IPEIM

SEP 2013 - JUNE 2015

- Linear Algebra, Set Theory, Algorithmic Optimization, Physics, Computer Science...

High school Ibn Sina

MAHDIA, Tunisia

SCIENTIFIC BACCALAUREATE (MATHEMATICS - TECHNOLOGY - PHYSICS / CHEMISTRY)

JUNE 2013

- Linear Algebra, Probability, Statistics, Algorithms...

Experiences

SoftCatalyst LLC

TUNIS, Tunisia

WEB FULL STACK DEVELOPER

Octobre 2018 - PRESENT

- Setting up an API for importing data from CSV files to the TRP project database.
- Export data in CSV format.
- Realization documentation of the TRP project.
- Creating and Enhancing Client Interfaces
- Integration vagrant with automation to install the TRP project.
- Experience with Highcharts.js
- Improvement of analysis tool using Skip Logic.
- Work Experience an agile workflow.
- **Technology:** Python, Django, Pandas, Django Rest Framework, Mailchimp, Cookiecutter, Regex, HeatMap, HighCharts.JS, Sphinx Documentation, Vagrant, Jira, Git / GitHub, Source Tree, PyCharm, WebStorm, Angular6 , JavaScript, JQuery, Ajax, Skip Logic

Keystone

TUNIS, Tunisia

SECURE APPLICATION DEVELOPER IN CONTEXT DATA

February 2018 - June 2018

- Develop a system for analyzing log files of DNS server equipment in real time.
- Detect threats from an operator flow by a signature approach.
- Detect anomalies with a behavioral approach.
- Analyze user behavior by artificial intelligence.
- **Technology:** Elasticsearch, Logstash, Kibana, Machine Learning, Spyder, Python (Scikit Learn).

Dairy Power Plant of Mahdia - Vitalait

MAHDIA, Tunisia

DATA INTEGRATOR

June 2017

- Developing an ETL package as part of the Business Intelligence framework.

Tunisie Télécom

MAHDIA, Tunisia

NETWORK STUDY ENGINEER

July 2016

- Study the NGN and the IP-MSAN solution.

Skills

Programming languages	Python, Java, JavaScript, PHP
Web Technologies	Django, Django Rest Framework, Angular6, HighCharts.JS, JQuery, Ajax, HTML5, Css, XML
Data Processing	Statistics, Machine Learning, Big Data, Linear Algebra.
Software Tools	Git/GitHub, Jira, Vagrant, Cookiecutter, Swagger, Source Tree, Sphinx, Mailchimp, Logstash, Kibana.
IDEs	Pycharm, WebStorm, Visual Studio, Jupyter-notebook, Spyder.
Database	MySQL, Elasticsearch.
Languages	English, French, Arabic

Projects

Test of the Zigbee transmission in the context of IOT

TECHNOLOGIES :

ISIS, XCTU, Java, Wampserver, StarUML.

2018

Performing a Computer Audit

TECHNOLOGIES :

Nexus, Metasploit.

2018

Web application for employee management

TECHNOLOGIES :

JEE, HTML5, CSS, JavaScript.

2018

Web application for the management of a travel agency

TECHNOLOGIES :

PHP, XML, HTML5, CSS, JavaScript.

2018

UML Project: Unintentional Lane Departure Warning System.

2018

Certificates

CCNA 2 Preparation, White hacking Level 1

Center of interest

Music Vocals, Violin.

Traveling