KHMAIS MRAD

REACT DEVELOPER ◦ HALLE (SAALE), 06112, GERMANY ◦ +49 1759012708

DETAILS

Rudolf-Ernst-Weise-Str. 34
Halle (Saale), 06112
Germany
+49 1759012708
khmais.mrad@gmail.com

LINKS

LinkedIn

GitHub

My portfolio

SKILLS

HTML & CSS

JavaScript

React

Git

Redux

Node.js

Express.js

MongoDB

Python

Matplotlib

Numpy

Pandas

Microsoft Office

Arduino

Photovoltaics

Renewable Energy

Mac OS

LANGUAGES

English

French

Arabic

German

PROFILE

I'm Khmais, a Tunisian based in Halle (Saale), Germany. A self-taught front-end developer switching careers from Electrical Engineering to Web Development. A fresh graduate from HS Anhalt. Currently, I'm enrolled in a workshop where self-taught React developers gather online and practice what they learned, this workshop is coordinated by ReDi school in Berlin.

EMPLOYMENT HISTORY

Product Manager at ServicomIT, Tunis
July 2017 — October 2018

- Managed a diverse portfolio full of established and newly launched products.
- Assessed user feedback and lead initiatives for product adjustments to grow user base and overall user satisfaction.
- Advised project managers on financial decisions regarding product costs.

Electrical Engineer at IPSUM SYSTEMS, Tunis
February 2017 — June 2017

- Developed sales campaigns and made calls to potential customers.
- Worked to install and maintain smart meters in large-scale facilities.

EDUCATION

Photovoltaics Engineering Science (M. Sc.), Hochschule Anhalt (FH), Hochschule für angewandte Wissenschaften, Köthen
October 2018 — September 2021

Major fields of study: Physics of the Solar Cell, Crystalline and Thin Film Solar Cells, Solar Modules and Components, System Design, Monitoring, Yield and Performance Analysis, Solar Cell and System Reliability, Storage Systems, Electric Grids and Solar Energy Integration

Engineering degree, Ecole Nationale d'Ingénieurs de Tunis, Tunis
September 2013 — June 2016

Major fields of study: Electrotechnical engineering, Power systems, Renewable energy

Classes préparatoires aux grandes écoles, IPEIN - Institut Préparatoire aux Études d'Ingénieur de Nabeul, Nabeul
September 2011 — July 2013

Major fields of study: Math-Physics

PROJECTS

Would You Rather

A React Nanodegree project from Udacity.

Technologies used: JavaScript, React.js, Redux, Semantic-UI, React Router.

GitHub / Live Demo

Dummy Food Order App

A food order app project, Idea from Udemy.

Technologies used: JavaScript, React.js, Redux, React Router, Firebase.

GitHub / Live Demo

My Reads

A React Nanodegree project from Udacity.

Technologies used: JavaScript, React.js.

GitHub

INTERNSHIPS

Student Assistant at Fraunhofer-Center für Silizium-Photovoltaik CSP, Halle (Saale)
April 2020 — December 2020

Master thesis:

- PID tests of different PV modules types (technology, number of cells, backsheet, etc.)
- Comparison of PID tests indoor and outdoor.
- Using different test equipment such as climate chamber, sun simulator and EL-camera.
- Analysis of experimental data and estimation of the measurement uncertainty.

Intern at Société Tunisienne de l'Electricité et du Gaz (STEG), Tunis
January 2016 — July 2021

Graduation project: N-1 Contingency Analysis of Tunisian electric grid using PowerWorld Simulator

COURSES

Front-end projects, ReDi school, Berlin
September 2021 — December 2021

Modern React with Redux, Udemy

Data Analyst Nanodegree, Udacity

Python for Data Science and Machine Learning Bootcamp, Udemy