

# KHALED MRAD

## Computer Science Engineering Student

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## ABOUT ME

I'm a second-year computer science engineering student at ENSI, driven by a passion for applying my knowledge to tackle real-world challenges. I thrive on the dynamic nature of this field and am committed to continuously honing my skills to make meaningful contributions to the world of technology.

## EDUCATION

### National School Of Computer Science

ENSI Manouba, Tunisie 2022-Ongoing

### Preparatory Institute for Engineering Studies of Nabeul

IPEIN Nabeul, Tunisie 2019-2022

- Ranked 158 out 1800 candidates in the national engineering contest for the Math/Physics branch.

### Bacalaureate in Mathematics

Soukrine Teboulba high school Monastir, Tunisie 2019

## PROJECTS

### Design and Development Project

HandDrawn Interface Coder (React, spring-boot, flask, Docker, MongoDB)

- The project enables the detection and conversion of hand-drawn interfaces into functional code using OpenCV and CNN, supporting various frameworks including HTML, React, and Angular with AI model.

### CardioCare: AI-Powered Heart Disease Prediction

Heart Disease Prediction (react, python, Docker, MongoDB)

- The project aims to predict the likelihood of an individual having heart disease based on various input factors. Extensive testing and data analysis has been conducted on a variety of AI models to enhance predictive accuracy.

### CoffeeShop Management System

CoffeeShop (JavaFX, hibernate, MYSQL, Design Pattern)

- Developed a comprehensive coffee shop management system featuring a user-friendly interface using JavaFX. Employed a variety of design patterns to enhance code modularity.

### RAT USB Rubber-Ducky

Ratatouille (Python, Powershell, OpenSSH)

- Remote Access Tool that enables users to access and control a computer or device from a remote machine over a network connection and an ssh server.

### WebChat

Communicate easily in real-time (HTML, CSS, PHP, JavaScript, MYSQL)

- Real Time Chat Application that facilitate communication between users made with PHP, MySQL, JavaScript, HTML and CSS.

## PROFESSIONAL EXPERIENCE

### Project Management Platform

Summer Internship at WG Consulting (Laravel, MYSQL, Docker)

- Facilitate and enhance collaboration among Developers, Project managers and Clients for Software development agencies using Laravel Framework.

## ASSOCIATION LIFE

### Training Manager at Open Source Software Ensi Club (OSSEC)

Our mission was to improve the culture of open source between student which is based on sharing and exchanging information.

### Microsoft Student Ambassador

Through this role, I enhanced my leadership, communication, and technical skills while contributing to the growth of the major tech community.

## TECHNICAL SKILLS

### Programming Languages :

Python, Java, JavaScript, C/C++, PHP

### Web Development :

HTML, CSS, React, Node.js, Flask, Laravel

### Databases :

Oracle, MySQL, MongoDB

### Operating System :

Linux

### Tools and Technologies :

Git, GitHub, Docker, CI/CD, Jira

## LANGUAGES

### Arabic

Native

### English

Fluent

### French

intermediate

## CERTIFICATE

- AWS Cloud Practitioner
- Introduction to DevOps
- Supervised Machine Learning: Regression and Classification

## INTERESTS

- Problem Solving
- Volleyball
- Gaming