Fehmi **Denguir**

Computer Science Engineering Student

CONTACT

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SKILLS

Web Development : HTML - CSS - JS - C# - jQuery - Bootstrap - PHP(MVC) - Java

Frameworks : Asp.Net - WPF - Symfony 5- Spring Boot - Angular

Mobile Development : Flutter - Java - Kotlin

Game Development : Unity3D

Programming Languages : Python - C - C# - Java - Kotlin - Dart

Modelling Languages : UML

Databases : MySQL - Firebase - Oracle - SQL Server

Graphic Design : Photoshop - Vegas pro - Blender

ABOUT ME

Highly motivated Computer Science Engineering Student with a strong foundation in software engineering and programming principles.
Proficient in a variety of platforms and programming languages with an innate ability to learn and master new technologies.

EDUCATION

Engineering :
2019 - Present

National School of Engineers of Sfax (ENIS)
Computer Science Engineering

Pre-Engineering:
2017 - 2019

Higher Institute of Applied Science & Technology Gabes (ISSATG)
Preparatory Cycle(Mathemathics & Physics)

Baccalaureat:
2013 - 2017

El Riadh High School
Mathemathics

Internships

Ovice (Monastir)
· Summer Internship (August 2021)
· **3D Action Role-Playing Game** with a historical theme made with Unity3D adopting a multitude of design patterns.

Tangorythm (Djerba)
· Summer Internship (August 2020)
· **Augmented Reality Apps** made with Unity3D using Vuforia SDK and Wikitude SDK :
  - ARZoo : Educational app for kids to introduce them to different animals.
  - ARFurniture : Allows users to try different furnitures in their homes before buying them.
  - ARCar : A car driving simulation game.

Academic Projects

Web Application With Microservices

Research Lab (September - December 2021)
· Developed a web application to manage a research lab adopting a microservice architecture.
· **Technologies :** Spring Boot -Spring Cloud - Angular 12 - Git

Web Application

Library Management (September - December 2021)
· Developed a web application to manage book loans in a school library
· **Technologies :** Symfony - TWIG - Mysql/DQL - Git

Dynamic E-Commerce Website with Desktop Client

GameHeaven (September - December 2021)
· Developed a steam-like online website and its desktop client in which it's possible to buy, play and publish games, build a pc with PCBuilder tool, customize your page and discuss with friends
· **Technologies :** Asp.Net - WPF - Sql Server - Git - Blockchain (ETH)

IOT Mobile Application

Road Status Classification (Jan - Jun 2021)
(End of year project)
· Developed an android application for gathering road status data using phone's accelerometer and camera
· **Technologies :** Kotlin - Git
· Developed a cross-platform application that uses mobile phone's accelerometer and camera to classify the road's status with the help of the trained neural network models
· **Technologies :** Flutter - Python - Git - Firebase - Google Colab

Mobile Application

Fall Detection (June 2021)
· Developed an Android application to detect that the user has fallen using the phone's accelerometer and sending SOS with the exact location to all registered numbers.
· **Technologies :** Java - Git

Dynamic E-Commerce Website

Game Heaven (September - December 2020)
· Developed a steam-like online games shop where you can sell your own games , buy existing ones and even play flash games on the site.
· **Technologies :** Bootstrap - JQuery - Ajax - PHP(MVC) - Mysql - Git

Computer Vision Application

Emotion Recognition (December 2020)
· Trained a neural network model on thousands of image samples showing different facial emotions.
· **Technologies :** Python -OpenCV -Tensorflow - Google Colab

Data Algorithms Application

Array Sorting Visualization (October 2020)
· Developed a desktop application to visualize how the array sorting algorithms, such as Bubble sort and Quick sort, work.
· **Technologies :** Python - PyQt5

2D Shooter Game

Space Zombies (November 2019)
· Developed a wave-based 2D shooter game
· **Technologies :** C# - Unity3D - Photoshop - Git

🏅 Certificates & Extracurricular

Coursera :
- Building Database Applications in PHP
- JavaScript, jQuery, and JSON
- Building Web Applications in PHP
- Introduction to Structured Query Language (SQL)
- Building a Dynamic Web App using PHP & MySQL
- Introduction à la programmation orientée objet (en Java)
- More C# Programming and Unity
- Introduction to Augmented Reality and ARCore

Huawei : HCIA - Artificial Intelligence - Certified 2021

Microsoft : MTA: Introduction to Programming Using Python - Certified 2019
MTA: Introduction to Programming Using Java - Certified 2021

Microsoft Tech Club (Enis)
· Member (2019-2020)

Problem Solving Contest
· Won third place in a problem solving contest organized by Primatec Engineering