

DRISS KHALFAOUI

FULL-STACK DEVELOPER | SOFTWARE ENGINEER STUDENT

CONTACT

Phone : +212 6810-05669
Email : drisspaca4@gmail.com
local : Fes - Rabat
Portfolio : khalfaouidriss.me
Linkedin: www.linkedin.com

EDUCATION

2024
UM6P | 1337

2021 - 2023

AMESIP

SKILLS

- Project Management
- Self-learning
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

LANGUAGES

- Arabic
- English

PROFILE

Full Stack Developer and software engineer student dedicated to delivering advanced and innovative technological solutions to meet client needs. Extensive experience in Full Stack Development, with strong skills in debugging, testing, and self-learning to continuously improve code quality and adopt new technologies. Able to analyze problems and develop effective, practical solutions, work efficiently within multidisciplinary teams, and communicate effectively with clients and colleagues.

EXPERIENCE

PROJECTS

As software engineer student

- **push_swap** : An algorithmic challenge to sort data using two stacks with the minimum number of operations. Built with optimized logic and search trees.
- **so_long** : A basic 2D game engine in C using the MiniLibX graphical library, featuring map parsing and player movement.
- **borntoberoot** : A Linux system administration project to configure virtual machines (Debian-based), manage users, firewalls, cron jobs, and SSH hardening.
- **philosopher** : A multithreading and synchronization project that simulates the Dining Philosophers problem. Implements mutexes to prevent race conditions and deadlocks, managing concurrent processes to model real-world resource sharing and thread safety in C
- **minishell** : A simplified Unix shell that parses and executes user commands. Implements custom lexer, parser, and executor supporting pipes, redirections, built-in commands, environment variable handling, and signal management. Designed to mimic real shell behavior with robust error handling and memory management
- **cub3d** : is a 3D game project inspired by the classic Wolfenstein 3D It's a raycasting-based first-person game built entirely in C using the MiniLibX graphics library
- **ft_irc** : is a custom Implementation of an Internet Relay Chat (IRC) server . It allows multiple clients to connect, authenticate, join channels, and communicate in real-time.

As full-stack developer

- **NorgrainSE** : is a web-based system designed to efficiently manage, search, and organize documents and articles, allowing users to quickly filter and access specific files through an integrated search interface
- **Astroleet** : Astroleet is a web platform that uses NASA satellite data and local information to map water scarcity and desertification in Morocco, offering AI insights to guide sustainable decisions.
- **47Mintra** : 47 Mintra, a comprehensive peer-to-peer code review and learning platform. This is a fully integrated platform that enables developers to collaborate, evaluate each other's code, and grow as developers
- **MenuCrafts** : MenuCraft is the all-in-one platform that lets restaurants create digital menus, accept orders via QR codes, and manage everything from a real-time dashboard.

PROGRAMMING LANGUAGES

- html & css
- javascript
- language C
- C++
- php
- SQL

TOOLS

- Docker
- Git
- bash

LIBRARY

- JQUERY
- AJAX
- JSON
- Bootstrap
- Tailwind

FRAMWORKS

- React
- nodejs