BERCHIDA ILYASS

Software developer

📞 +212 628 666 599   @ ilyass.berchida@gmail.com   🔗 ilyassberchida.com

EXPERIENCE

Software Developer

UM6P - AGRIEDGE BU   📅 07/2021 - Present   📍 Benguerir, Morocco

AgriEdge is a business unit at UM6P that operates in the agriculture field and provides services to farmers based on data.

- Planning, conceptualizing, and modeling digital solutions - **Figma, UML**
- Designing and developing user-friendly solutions that meet users' needs - **Typescript, NextJs, ReactJs, TailwindCss, MUI**
- Developing functionalities and services to support the front applications via APIs and store data - **Django, REST, GraphQL, Postgresql, JWT**
- Ensuring access permissions to multiple services and implementing best practices to enhance privacy and security
- Deploying services and Implementing devOps operations based on CI/CD method - **GitHub Actions, AWS EC2, AWS FARGATE**

Back-end Developer - Internship

ECOM ANALYTIC   📅 11/2020 - 04/2021   📍 Khouribga, Morocco

1337 Startup provides ecommerce solutions

- Creating a web crawler for e-commerce websites and a data scraper to collect data about products in different categories
- Creating a database to store collected data
- Developing a background process that keep track on scraped product and categories, and manage scraping schedule for each item
- Developing a separated crawling and scraping as decentralized services on many servers to facilitate scaling
- Creating a REST API to link between all services

Flutter Developer

ETIL   📅 07/2019 - 01/2020   📍 Essaouira, Morocco

Essaouira Territorial Innovation Lab (ETIL), an open innovation space serving the territorial developement of the Essaouira province

- Creating a digital guide as a mobile application to provide city visitors with the information about the sities they visit and their monuments, history, and culture

EDUCATION

Junior Software Developer Degree

1337 Coding School   📅 2018 - 2021   📍 Khouribga, Morocco

Bachelor Degree In Economic Sciences

Abdelmalek Essaadi University   📅 2014 - 2018   📍 Tanger, Morocco

Baccalaureate in Physic Sciences

Ouad Eddahab High School   📅 2012   📍 Asilah, Morocco

CERTIFICATION

Kaggle

Data science and Machine learning courses and projects

Udacity

Build Native Android Mobile Apps

SKILLS

Programming Languages

C/C++   Typescript   Python   JS   Java   Dart

Front-End

ReactJs   NextJs   TailwindCss   MUI

Back-End

Django   Flask   Postgresql   MongoDB   Nginx

Mobile

Flutter   Java

Tools

AWS   Git   Photoshop   Figma

PROJECTS

ADAH - Personal Porfolio

Includes experience, personal projects, and social media links to get in touch. Link included above.

Mormade

Web e-commerce and publishing platform for Moroccan artisanal products and culture.

Corewar

Virtual "arena" in which programs will fight against each other. Also an assembler to compile those champions from assembly code to binary code.

Lem-in

Graph traversal algorithm to lead the ants to their destination in an optimal amount of moves.

LANGUAGES

English	Advanced
French	Intermediate
Arabic	Native

ACHIEVEMENTS

🏅 **First Prize in ETIL Challenge**
Developing a mobile application for a musem to guide visitors.