

# BERCHIDA ILYASS

## Software developer

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## 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 development of the Essaouira province

- Creating a digital guide as a mobile application to provide city visitors with the information about the sites 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 museum to guide visitors.