

ZAIT Chaimae

Computer Engineer: Javascript,java and Python developer

Freshly graduated with a degree in computer engineering from INPT, I have a great interest in algorithms, software engineering, and web scraping. I am always open to acquiring new skills and learn new techniques.



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Rabat, Morocco 📍

16 October, 1997 📅

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FORMATION

Institut National des Postes et Télécommunications,
Engineering degree in telecommunications and information technology: Computer Engineering.

09/2017 - 06/2020

Rabat

Acharif Al Idrissi Center(Morocco)
Preparatory Classes for Engineering Schools: Math, Physics & Industrial Sciences

09/2015 - 05/2017

Taza

Lycée Ibn Khaldoun

High School: Obtained the baccalaureate degree in mathematical sciences A, Honours grade.

2014 - 2015

Kariat Ba Mohammed

PROFESSIONAL EXPERIENCE

R&D fullstack intern at Digimind
Rabat/Graduation Project internship
Topic: Digimind Web Scraper API

02/2020 - 08/2020

Morocco,Rabat

Developing web scraping APIs from scratch. Those APIs work in synchronous and asynchronous mode. They also provide flexibility in switching between GraphQL API, REST API, and CLI mode.

Tasks

- Contribution to the overall API architecture proposal.
- Benchmarking study for the different scraping solutions.
- Implementation of each client's scraping templates.
- Optimization of development costs.
- Adoption of the devops approach: CI / CD: Docker.
- Adoption of the TDD process: unit tests and integration tests: Supertest.
- Using collaboration tools: Git.
- Implementation of system features Nodejs, Express, Swagger.

Keywords: Express ,Nodejs, Puppeteer, cheerio, Axios, Kafka, Python (scrapy), Kubernetes, Grafana, Prometheus, GitLab CI/CD, Swagger, HandlebarsJS

SKILLS

Strategic thinking

Decision making

Autonomy

programming

enigme

finance

SKILLS

WebTechnologies

- JavaScript(Nodejs,React,Angular,puppeteer,cheerio),HTML,CSS,XML, Web Services(SOAP,REST,WSDL,JAX- WS,JAX-RS),Design pattern, Spring & SpringBoot.

Programming Languages

- Java/JEE,Python,PHP

Devops & test tools

- Maven,Docker,junit,jest,supertest

Architecture

- SOA (Service Oriented Architecture), MDA (Model Driven Architecture), API Architecture,Grafana

Modelization

- SoaML, UML, Visual Paradigme,BPMN

System Administration

- CentOS, Ubuntu, Debian, Arch Linux;Windows 7, 8.1 et 10

Machine Learning(Connaissances)

- Linear regression, Logistic regression, Regularization

DBMS :

- SQL ; PL/MYSQL,MongoDB

Cloud Computing

- PaaS,SaaS, Framework Hadoop,HDFS

Algorithms

- Design, analysis and optimization of algorithms, Data Structures

Collaboration tools

- Git (GitHub, Gitlab),Trello

Business intelligence (BI)

- Power BI Desktop

Office suites

- Microsoft Office suite, Google Apps, LibreOffice,Latex

CERTIFICATS

Trading Algorithms (09/2019 - 10/2019)

Online certificate with coursera proposed by ISB

Internship at AFD.tech

Automation of functional testing and
automation of import from the database

07/2019-09/2019

Rabat,Morocco

Tasks

- Proposal of the scenario followed for test automation.
- Definition and implementation of test automation algorithms.
- Using of collaboration tools:Git,trello

Keywords

- Drupal8,Php,PHPUnit,GIT,cmd,
Cron Job

Internship at Noukatel

Deployment of optical fiber for

INWI

07/2018-08/2018

Salé,Morocco

Academic Projects

Development of "INPT Service"

Plateforme with JEE

02/2019-02/2019

INPT,Morocco

Keywords

- Maven Module
Architecture, Spring, Spring
Security, PrimeFaces, JQuery

Tools for watermarking image with
python

03/2019-04/2019

INPT,Morocco

Keywords

- Python, POO, OpenCV, Argparse, NumPy, Tkinter, OS

Implementation of design Pattern for a
web application

12/2019-12/2019

INPT,Morocco

Keywords

- Java, JUnit, Strategie, Singleton,
Observer, Factory

CERTIFICATS

Responsive web design certificate

(04/2020-04/2020)

Online certification from Freecodecamp

JavaScript And Data Structures Certificate

(05/2020 – 05/2020)

Online certification from Freecodecamp

DIVERS

Contestant at coding competitions:2019

MCPC, Codeforces

Organizing Committee for the Open days
at INPT 2019

Organizing Committee for JNJD (Journées
Nationales des Jeunes Développeurs,
INPT): 2019 edition.

Languages

Arabe: Native language

Français: Full Professional

Anglais: Professional working