



## Hamza TAHRI

Software Engineer  
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### Contact

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### Programming Languages

Java/Kotlin.kt  
Python.py  
C/C++/C#.cs  
Php/JavaScript.js  
Dart.dart

### Database Engines

MySQL/SQLServer/Oracle  
MongoDB/Firebase

### Skills

Artificial Intelligence  
System Design  
Computer Vision  
Backend Development

### Tools & Frameworks

OpenCV  
Angular / JavaFX  
TensorFlow / Keras  
SonarQube / Jenkins  
SpringMVC / SpringBoot  
SpringCloud  
.NET Framework  
WPF/WCF/Xamarin  
Flutter / React-Native  
Git  
XDesign / Photoshop  
UML / Merise  
Jupyter / GoogleCollab  
Atlassian-Jira / Clickup

### Languages

French ← Conversational  
English ← Proficient  
Arabic ← Mastery

### Hobbies

Karate Shotokan  
Lecture  
Swimming  
Photo Editing  
Electronics  
Hardware Repairing

1 Software Engineering Student

2 ...

3 5th year student at ENSA Safi. Curious, dynamic and determined,  
4 Seeking a 4 to 6 month PFE internship:

5 Mobility → National - International  
6 Availability → Since February

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### Education

10 2020 - 2022 Software Engineer Degree (In progress)

11 IT department, ENSA-SAFI (SAFI)

12 Speciality : Computer Engineering

13 2019 - 2020 Professional License

14 IT department, FSSM-Marrakech (Marrakech)

15 Speciality : Technologies And Web Programming

16 2017 - 2019 Technological University degree (DUT)

17 IT department, EST-Agadir (Agadir)

18 Speciality : Computer Science

19 2016 - 2017 Bac degree

20 Lycee Al Irfane (El Guerdane - Taroudant)

21 Speciality : Science of Life And Earth

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### Professional Experiences and Projects

24 05-07/2020 JEE Backend Development Internship (2 months)

25 TNA-Consulting (EL Maarif- Casablanca)

26 Microservices and APIs development for Online Banking System.

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28 Tools:

29 JEE, Spring Cloud, SonarQube, Jenkins, WebClient, Hystrix

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30 05-07/2020 Internship in Mobile Development and Embedded Systems (2 months)

31 IT department OCP-Safi - MAROC

32 Analysis, design and development of a solution allowing monitoring  
33 confined spaces and auto-sending alerts in case of danger.

34

35 Tools: Flutter, Php, Arduino && Firebase

36 04-06/2019 DUT Internship: Web Developer (2 months)

37 AGANET-INFO, AGADIR - MAROC

38 Implementation of an attendance management application connected  
39 with Biometric/RFID devices in the Urban Agency.

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40 Tools : Frontend-> Html5, Css, JS; Backend-> PHP, CSharp;

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42 06-07/2018 Initiation Internship (1 month)

43 VITA-SOUSS, TAROUDANT - MAROC

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44 Academic Projects /\*-more informations at website-\*/

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45 2020 - 2021 End of Year Project : Creation of a Smart House

46 Ecole National des Sciences Appliquées, Safi

47 Tools: Flutter, Raspberry, Arduino , Python, Jira

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48 2020 - 2021 JEE Project: Development of an E-Banking Application

49 Ecole National des Sciences Appliquées, Safi

50 Tools: Spring, Thymeleaf, Angular, JIRA

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51 (Project Manager / Developer)

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52 2018 - 2019 PHP Project: Creation of a communication forum

53 Ecole Supérieur De technologie, Agadir

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54 (Developer)

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### Certifications

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57 02/2021 Building Scalable Java Microservices with Spring boot and Spring Cloud (COURSERA)

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58 02/2021 Web Application Security Testing (COURSERA)

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59 01/2021 Perform Sentiment Analysis with scikit-learn (COURSERA)

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60 10/2020 HCIA-Cloud Computing Course (HUAWEI)

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61 08/2020 Computer-Vision: Object Tracking OpenCV and Python (COURSERA)

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### Extra-professional activities

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64 2008 - 2020 Members in several clubs, events and sports associations

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65 Agadir, Marrakech, Laayoun ...

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66 Shotokan Karate Trainee and Trainer Graded Black 1st Dan

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67 //TODO ...

