ARRASSEN YOUSSEF

Software/Computer Engineer

DATE OF BIRTH:
24/04/1998

PHONE: (+212) 6160 4081
EMAIL: arrassen.youssef@gmail.com

LANGUAGES:

English : Fluent
French : Pretty good
Arabic. : Native
German : Good

WORK EXPERIENCE

Freelance experience

May 2023-September 2023 SuCooter
- *R&D, Networking, teleoperated drive technologie (5G), Backend,, Mobility App Development.*

December 2022-April 2023 SMART MUSHROOMS
- *Agriculture IoT devices + IoT Core (GCP):* Used Technologies **MicroPython, ESPNow, IoT Core, MQTT, sensors, Relays, JWT.**

September 2021-April 2022
- *Blockchain develop + Back-end:* Used Technologies **Linux, Hyperledger Fabric, Fabric-operations-console. CouchDB. Typescript. IoT devices**.

Software engineer
Company FIGENOR EXPERTISE, Rabat, Morocco
March 2019–December 2019
- *Worked as Intern, automation, and learning about accounting.*

September 2019–December 2019
- *Migration from **Odoo 7** to **Odoo 11**:* Technologies used **Linux, Odoo 11 (Python), PostgreSQL.**
- automating and solving accounting problems.

Software engineer
Company MegaDev, Salé, Morocco
September 2018–November 2018
- *Refill automation system:* Technologies used **Arduino**, GSM module, **MS SQL** and **Android**.

EDUCATION

Computer engineering Master, 2021 - 2023
Computer Vision, Machine Learning, AI,
Bahcesehir University (BAU), Istanbul, Turkey
Thesis: Digital Identities on the Blockchain

Project Management, (Master 1st Year), September 2020 -June 2021
MIAGE Casablanca, Morocco

Bachelor degree of Web and Mobile Application Developers, 2019-2020
IBN TOFAIL university, Kénitra, Morocco

Diploma of higher Education of Software development technician, 2016 -2019
Specialized Institute of Applied Technology Lazaret, Oujda, Morocco

High-School Diploma, 2016
Zineb Ennafzaouia School, Oujda - Morocco

PROGRAMMING LANGUAGES:

1. C/C++ language
2. C# language
3. Java/Kotlin
4. Python (Odoo, Django, OpenCV)
5. Web (HTML + JavaScript + CSS)/
(PHP + NODE.JS)/React.js/Angular
6. SQL & NoSQL (MS SQL, MYSQL,
MongoDB, Firebase)
7, Go (mostly for HL fabric)
8, Dart

IMPORTANT LINKS:

My discord servers.

Odoo Community:
https://discord.gg/kpa53B4
Hyperledger Community:
https://discord.gg/2Baatkq6RK

Other websites

Xing:
https://www.xing.com/profile/You
ssef_Arrassen/cv
LinkedIn:
https://www.linkedin.com/in/youss
ef-arrassen-64488122b/
GitHub:
https://github.com/youssef02
My Portfolio:
https://youssef02.github.io/My-C
V/

TRAINEESHIP:

Final project assignment
IBN TOFAIL University, Kenitra, Morocco, 2020
- Conception and Realization of a Website that manages commercial ads using Django as Backend, with static React for the Frontend. App similar to Facebook Marketplace.

Final project assignment
Specialized Institute Of Applied Technology Lazaret Oujda, Morocco, 2019
- System for Library management using .Net C# and Microsoft SQL server.
- System to manage Library with a Database, MSSQL, features like scanning with Barcode, using renting system to keep track of books.

Training management Software
Company FIGENOR EXPERTISE Rabat, Morocco
March 2019
- Using .Net C# and MS SQL.
- Created Software for automation, moving to a more digital version.

POS locating system
Company MegaDev, Salé, Morocco
March 2018
- Using Google Maps API, Android, MS SQL.
- Securing a system to track POS locations.

SELF-TAUGHT SKILLS

2019 till now:
- **Python (5+ years) :** Data mining, Web Development, Automation, web scraping, Used mostly for Personal projects, Learning and using Django.

- **Odoo ERP (4+ Years) :** Application module creation, system migration and a server maintainer of a discord server.

- **Hyperledger Fabric (2+ Years)** :
  - Created a community server on discord
  - Built middleware for express backend
  - wrote smart-contract, aka chain code
  - Handled network setup and the backend
  - got a Hyperledger medal

- **Hyperledger Aries + indy (1+ year)** : **(Thesis)**
  - built network
  - built schema
  - got familiar with different agents, including static

Türkiye Cumhuriyeti
Bahçeşehir Üniversitesi BAU

Republic of Türkiye
Bahçeşehir University

Youssef Arrassen

LİSANSÜSTÜ EĞİTİM ENSTİTÜSÜ
BİLGİSAYAR MÜHENDİSLİĞİ
programında gerekli çalışmaları başarı ile tamamlayarak
TEZLİ YÜKSEK LİSANS
derecesini bütün yetki ve sorumluluklarıyla birlikte almaya hak kazanmıştır.

Has successfully completed all the requirements in the
COMPUTER ENGINEERING
program with **THESIS** at the Graduate School and been awarded the degree of
MASTER OF SCIENCE
with all the rights, honors and privileges thereunto appertaining.

24 Ocak 2024 / January 24, 2024

Prof. Dr. Esra HATİPOĞLU
Rektör / Rector

Doç. Dr. Yücel Batu SALMAN
Müdür / Director

Program Dili / Language Of Program	İngilizce / English
Programa Kayıt Tarihi / Date Of Registration	22 Eylül 2021 / September 22, 2021
Mezuniyet Ortalaması / Grade Point Average	3.04 / 4.00
Diploma Numarası / Diploma No	55699
T.C. Kimlik Numarası / National ID	99684833516

Zeliha ÖLMEZ
Daire Başkanı a.
On Behalf of Registrar

15.02.2024

National ID	99684833516	Faculty	GRADUATE EDUCATION INSTITUTE DIRECTORATE
Student ID	2104999	Program	COMPUTER ENGINEERING (ENGLISH, THESIS)
Name	YOUSSEF	Registrar Date / Program Language	22.09.2021 / English
Surname	ARRASSEN	Class	Thesis Phase

COURSE CODE	COURSE	CR	LETTER GRADE	POINTS	ECTS
	2021-2022 Fall				
BUS5301	Research Methods and Ethics	3.0	B+	9.99	9.0
CMP5103*	Artificial Intelligence	3.0	B-	8.01	8.0
CMP5130	Machine Learning and Pattern Recognition	3.0	B-	8.01	12.0
CMP5550	Computer Vision	3.0	A-	11.01	8.0
Proficiency	Proficiency	0.0	91	0.00	0.0

Sem.Taken Credits : 12.0   Sem.Taken Credits : 37.0   Grade Point Average(GPA) : 3.09   Tot.Cr.Comp. : 12.0   Tot.ECTS.Cr.Comp : 37.0   GPA : 3.09

COURSE CODE	COURSE	CR	LETTER GRADE	POINTS	ECTS
	2021-2022 Spring				
CMP5101	Data Mining	3.0	B	9.00	8.0
IND5101	Smart Factories	3.0	B	9.00	8.0
SEN5144	Software Project Management	3.0	B	9.00	8.0

Sem.Taken Credits : 9.0   Sem.Taken Credits : 24.0   Grade Point Average(GPA) : 3.00   Tot.Cr.Comp. : 21.0   Tot.ECTS.Cr.Comp : 61.0   GPA : 3.05

COURSE CODE	COURSE	CR	LETTER GRADE	POINTS	ECTS
	2022-2023 Fall				
CMP5103	Artificial Intelligence	3.0	B	9.00	8.0
CMP5887	Seminar	0.0	S	0.00	10.0
CMP5888-1	Master Thesis	0.0	S	0.00	20.0

Sem.Taken Credits : 3.0   Sem.Taken Credits : 38.0   Grade Point Average(GPA) : 3.00   Tot.Cr.Comp. : 21.0   Tot.ECTS.Cr.Comp : 91.0   GPA : 3.10

COURSE CODE	COURSE	CR	LETTER GRADE	POINTS	ECTS
	2022-2023 Spring				
CYS5101	No Theory&Coding Theory for Cryptography	3.0	B-	8.01	12.0

Sem.Taken Credits : 3.0   Sem.Taken Credits : 12.0   Grade Point Average(GPA) : 2.67   Tot.Cr.Comp. : 24.0   Tot.ECTS.Cr.Comp : 103.0   GPA : 3.04

COURSE CODE	COURSE	CR	LETTER GRADE	POINTS	ECTS
	2023-2024 Fall				
CMP5888-2	Master Thesis	0.0	S	0.00	30.0

Sem.Taken Credits : 0.0   Sem.Taken Credits : 30.0   Grade Point Average(GPA) : 0.00   Tot.Cr.Comp. : 24.0   Tot.ECTS.Cr.Comp : 133.0   GPA : 3.04

GRADUATED-24/01/2024

GPA : 3.04   Tot.Cr.Comp. : 24.00   Tot.Cr.Comp.:133.00

CUMULATIVE GENERAL POINT AVERAGE (OUT OF HUNDRED) : **77.6**

End of record : Valid as a transcript only if bearing seal and signature.

A : 4.00 A-: 3.67 B+:3.33 B:3.00 B-:2.67 C+:2.33 C:2.00 C-:1.67 D+:1.33 D:1.00 D-:0.67 F:0.0

U:Unsuccessful S:Successful I:Incomplete EX:Exempt PR:Progress NA:Not Attendance W:Withdraw NI:Not Included BH:Scientific Preparation CN:Continue E:Not Graded Yet R : Revoke (*): Repeat Course
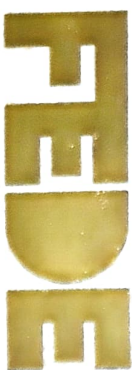
Zeliha ÖLMEZ
On Behalf of Registrar

Prepared By : Ceren GÜLOĞLU

https://umis.bau.edu.tr/qr-verification/6dd701ed906bb4784862bc8381a19ad5

FEDE

FEDEration for European Education
FÉDÉration Européenne des Écoles

EUROPEAN MASTER

MASTÈRE EUROPÉEN

European Master's IT Project manager

Mastère Européen d'Informatique

FEDE

FEDEration for European Education
FÉDÉration Européenne des Écoles

This document certifies that the person named has successfully passed the examinations of the Federation for European Education and has thereby acquired all the rights and privileges attached. Key to EQF levels:
foundation = EQF level 4, bachelor's = EQF level 5, master's = EQF level.
This degree is a private-law degree

Attestant ainsi la réussite aux examens de la Fédération Européenne des Écoles ainsi que la jouir avec les droits et les prérogatives qui y sont attachés. Nomenclature des niveaux du CEC :
foundation = CEC niveau 4, bachelor = CEC niveau 5, mastère = CEC niveau.
Ce diplôme est un diplôme de droit privé

Awarded to / Décerné à

ARRASSEN Youssef

Date of birth / Né(e) le
24/04/1998

In / À
Oujda

Nationality / Nationalité
Marocaine

Degree number / Numéro du diplôme
121168602585

Examination session / Session d'examen
Janvier 2024

Training Centre / Place of Study / Lieu de Formation
Miage casa

In witness whereof, the authorised representatives have signed this degree certificate
En foi de quoi, les représentants dûment autorisés ont signé ce diplôme
Geneva, Switzerland / Genève, Suisse
On / Le   **07/03/2024**

Chairman Navan Le Got
La Présidente Présidente FEDE
Claude VIVIER Le GOT

Chairman of the Board of Examiners
Le Président du Jury

Fédération for Education in Europe
FEDE

FÉDÉration Européenne Des Écoles / FEDEration for European Education

ATTESTATION / *CERTIFICAT*
SUPPLEMENT AU DIPLOME / *DIPLOMA SUPPLEMENT*

MIAGE CASA   **Session 2024**

121168	ARRASSEN Youssef

Date de naissance / *birth date* : 24-04-1998   **Nationalité / *Nationality* :** Marocaine
Lieu de naissance / *birth place* : OUJDA

Mastère Européen d'Informatique
European Master's IT Project manager

**Unité d'Enseignement / *Course Unit*: Techniques Professionnelles / *Professional Techniques*

Unités Capitalisables *Capitalisable Units*	Année *Year*	Note *Mark*	Coefficient *Factor*	Points *Points*	Crédits ECTS *ECTS Credits*	Note ECTS *ECTS Grade*
D42 - Soutenance : Mission professionnelle - Informatique *D42 - Presentation: Professional Assignment - IT Project Manager*	2021	17.5	5	87.5	14	B
D52 - Soutenance : Thèse professionnelle - Manager de projets informatiques *D52 - Presentation: Professional Thesis - IT Project Manager*	2024	18	4	72	14	A
D41.1 - Réseaux, Système et Sécurité *D41.1 - Networks, Systems and Security*	2021	6.89	4	27.56	10 (Compensés)	F
D41.2 - Développement *D41.2 - Development*	2021	11.29	3	33.87	6	C
D51.1 - Conduite et management de projet informatique - Perfectionnement *D51.1 - Conducting and Managing IT Projects - Advanced*	2023	7.33	4	29.33	12 (Compensés)	F
D43 - Contrôle continu *D43 - Continuous Assessment*	2023	14	2	28	2	C
D53 - Contrôle continu *D53 - Continuous Assessment*	2023	15	2	30	2	C
D51.2 - Environnement informatique *D51.2 - IT environment*	2023	16.4	8	131.2	20	B
Moyenne / *Average* : 13.73 sur 20						**TOTAL ECTS : 80**

**Unité d'Enseignement / *Course Unit*: Langues Vivantes Européennes / *European Languages*

Unités Capitalisables *Capitalisable Units*	Année *Year*	Note *Mark*	Coefficient *Factor*	Points *Points*	Crédits ECTS *ECTS Credits*	Note ECTS *ECTS Grade*
B4 - Anglais Ecrit LV1 Niveau B2 du CECR *B4 - English ML1 Written Level B2 of CEFR*	2021	17.55	2	35.1	12	B
B5 - Anglais LV1 Oral Niveau B2 du CECR *B5 - English ML1 Oral Level B2 of CEFR*	2024	17.33	2	34.67	12	B
Moyenne / *Average* : 17.44 sur 20						**TOTAL ECTS : 24**

ATTESTATION / *CERTIFICAT*

SUPPLEMENT AU DIPLOME / *DIPLOMA SUPPLEMENT*

121168						Session 2024
		ARRASSEN Youssef				

Unité d'Enseignement / *Course Unit*: Culture et Citoyenneté Européennes / *European Culture and Citizenship*

Unités Capitalisables *Capitalisable Units*	Année *Year*	Note *Mark*	Coefficient *Factor*	Points *Points*	Crédits ECTS *ECTS Credits*	Note ECTS *ECTS Grade*
A4/5 - Les entreprises, la concurrence et l'Europe *A4/5 - Companies, competition and Europe*	2021	14.33	4	57.32	16	C
Moyenne / *Average* : 14.33 sur 20						**TOTAL ECTS : 16**

Moyenne générale / *Average* : 14.16

TOTAL ECTS : 120

Candidat reçu / *Accepted candidate*

Le Directeur du Centre Européen des Examens certifie par la présente que **ARRASSEN Youssef** a obtenu le Mastère Européen d'Informatique post baccalauréat, après 5 ans d'études supérieures.

*The Director of the European Examination Center certifies that **ARRASSEN Youssef** passed a European Master's Project manager examination, after 5 years of superior studies.*

GENEVE / *GENEVA*

22/02/2024

Recommendation Letter For Youssef Arrassen

May 20th, 2022

Att. Employer

It is my great pleasure to give Youssef Arrasen my best recommendations.

At all times Youssef was excited about working with cutting edge technologies and to implement best practices, patient enough to follow documentation in the process and he made a great effort in delivering as agreed with the business.

He certainly has high ambitions for his personal development, and he is eager to understand how new technologies can expand into business opportunities.

I strongly believe that it is only a matter of time until Youssef will find an organization to thrive in. He is an excellent communicator written and spoken enabling him to work independent and require minimum to no coordination.

Best regards,

Marius Popa,
Executive Director
Process Compass
+45 52 39 96 79

Bescheinigung

**Der Schulleiter Des Zentrums Sibawayhe CLS in Oujda bescheinigt hiermit ,
dass Student** YOUSSEF ARRASSEN

Vorname und Nachname	: YOUSSEF ARRASSEN
Geburtsdatum	: 24/04/1998
Anschrift	: OUJDA
Ausweisnummer	: F596051

**Seit 15. November 2023 regelmässig am Deutschkurs NIVEAU B1 der
Sprachschule Sibawayhe teilnimmt.**

Diese Bescheinigung wurde ausgestellt zur Nutzung und Geltung zu rechtlichen
Zwecken

Deutschlehrer ;   Verwaltung :

Kamal ZERIWAL   OUJDA. den 07 .02. 2024

SIBAWAYHE LANGUAGES CENTER
LE DIRECTEUR
Tél: 06 68 63 32 46
07 66 18 82 63

SIBAWAYHE
LE DIRECTEUR
Tél: 06 68 63 32 46
LANGUAGES CENTER

C.L.S 12. Rue OMAR IBN YASSIR 1etage OUJDA
Tél : 0766.18.82.63 ! 06.13.65.8228