

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/Youssef_Arrassen/cv

LinkedIn:

<https://www.linkedin.com/in/youssef-arrassen-64488122b/>

GitHub:

<https://github.com/youssef02>

My Portfolio:

<https://youssef02.github.io/My-CV/>

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



Republic of Türkiye

Bahçeşehir Üniversitesi BAU 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

Doç. Dr. Yücel Batu SALMAN
Müdür / Director

Prof. Dr. Esra HATİPOĞLU
Rektör / Rector

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



Bu belge 5070 sayılı Elektronik İmza Kanununun 5. Maddesi gereğince güvenli elektronik imza ile imzalanmıştır. Evrak sorgulaması <https://turkiye.gov.tr/ebd7eK=5446&eD=BSNBCH30P&eS=58> adresinden yapılabilir.

Diploma, 5070 Sayılı Elektronik İmza Kanunu'nun 5. maddesi gereğince güvenli elektronik imza ile imzalanmıştır. Diplomada, ıslak imza yerine imza görselleri kullanılmıştır. The diploma has been signed with secure electronic signature in accordance with the 5 articles of the Electronic Signature Law No. in the diploma, signature images were used instead of wet signature.

Transcript

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					

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					

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					

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					

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

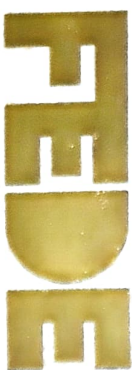
E:Not Graded Yet R : Revoke (*) : Repeat Course



Prepared By : Ceren GÜLOĞLU



<https://umis.bau.edu.tr/qv-verification/6dd701ed906bb4784862bc8381a19ad5>



**FEDERATION for European Education
FÉDÉRATION Européenne des Ecoles**

EUROPEAN
MASTER
MASTÈRE EUROPÉEN

Awarded to / Décerné à
ARRASSEN Youssef

Date of birth / Né(e) le
24/04/1998

5/1

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



FEDERATION for European Education
FEDERATION Européenne des Ecoles

[illegible]

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

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**

Claude

Champion-Miranda-EdgE

La P&D per il social FEDE

Claudio VIVERLE GGI

FEDERATION in Europe

FEDE

[Handwritten signature]

Chairman of the Board of Directors
and President, DuPont
Chemical Company

1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 26



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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	ARRASSEN Youssef
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Session 2024

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 Arrassen 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 ;

Kamal ZERIWAL

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

Verwaltung :

OUJDA. den 07.02.2024

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