

AHMED SALAH TAWFIK IBRAHIM

CURRICULUM VITAE

FOREIGN LANGUAGE SKILLS



MOTHER TONGUE(S): **Arabic**



ENGLISH EXCELLENT	C2	C2	C1	C1	C1
GERMAN FAIR	B2	B2	B1	B1	B1
ITALIAN LIMITED	B1	B1	A2	A2	A2

DIGITAL COMPETENCES

Self-assessment grid



Information processing **Proficient user**
Communication **Proficient user**
Content creation **Proficient user**
Safety **Independent user**
Problem solving **Proficient user**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

ECONOMIC SECTOR: **1.** computer science, data processing and acquisition

CAREER FIELD: **1.** Information systems, EDP / **2.** Engineering and design / **3.** R&D and patents

DESIRED JOB:
Artificial Intelligence and Data Engineer

PREFERRED DISTRICT TO WORK IN: **1. PISA**
/ 2. TORINO

AVAILABILITY FOR BUSINESS TRAVELS:
Yes, including relocation

AVAILABILITY TO RELOCATE ABROAD:
Yes, but only in Europe

Career Goal

I would like to utilize the knowledge I acquired during my academic career in computer engineering and artificial intelligence in order to solve major problems in the world using technology. In addition, I would like to work in an environment that supports my growth and helps me develop my skills. I appreciate teamwork and I believe that the best way to learn is by interacting with teammates, so I would like to be part of a team that would stimulate me to learn and be a better version of myself.



WORK EXPERIENCES

Artificial Intelligence Engineer

CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)

Computer science, data processing and acquisition (PI)
10/2022 - 04/2023

Main activities and responsibilities: I was responsible for developing a conversational agent for virtual research environments deployed on the science gateway D4Science. Employed as: intern/trainee - undergraduate internship | Company sector: Engineering and design

other information

Currently employed: No



ACADEMIC STUDIES

MASTER'S DEGREE

2020 - 2023



Università di PISA

Dipartimento di Ingegneria dell'Informazione

ARTIFICIAL INTELLIGENCE AND DATA ENGINEERING

LM-32 - 2nd level degree in Computer engineering

Dissertation/thesis title: Development of a Conversational Agent for Virtual Research Environments | Dissertation/thesis keywords: nlp, transformers, conversational agents, information retrieval, language generation

Age at graduation: 25 | Official duration: 2 years

Final degree mark: **110/110 cum laude**

Graduation date: 28/04/2023

BACHELOR'S DEGREE

2015 - 2020

EGYPT

The American University in Cairo

Faculty: School of Sciences and Engineering

Computer Engineering

Age at graduation: 22 | Official duration: 5 years

Final degree mark: **3.93/4**

Graduation date: 15/06/2020



INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION

Desktop publishing: Microsoft Word (Advanced) | **Presentation Software:** Google Slides (Advanced), Microsoft PowerPoint (Advanced) | **Spreadsheets:** Google Sheets (Advanced), Microsoft Excel (Advanced) | **Word Processors:** Google Docs (Advanced)

APPLICATION SOFTWARE

Project Management: Trello (Intermediate) | **Statistical analysis:** Pandas (Advanced), Weka (Intermediate)

COMPUTER PROGRAMMING

Build Automation: Docker (Intermediate), Jenkins software

(Foundation) | **Integrated development environments (IDE):** IntelliJ IDEA (Intermediate) , PyCharm (Intermediate) , Visual Studio (Intermediate) | **Markup languages:** JSON (Advanced) | **Programming languages:** Assembly (Intermediate) , C (Foundation) , C++ (Advanced) , Erlang (Foundation) , Go (Foundation) , Java (Foundation) , MATLAB (Intermediate) , Python (Advanced) , Verilog (Intermediate)

DATA MANAGEMENT

Big Data: Apache Hadoop (Foundation) , Apache Spark (Intermediate) | **DBMS:** MongoDB (Intermediate) , MySQL (Intermediate) , Neo4j (Intermediate) , PostgreSQL (Foundation) | **Query languages:** Cypher (Intermediate) , SQL (Intermediate)



STUDIES AND EXPERIENCES ABROAD

GERMANY
2019

European Union program (Erasmus+ Exchange Program)

At: Freie Universität Berlin

Place: Berlin (Germany) | **Language:** German | **Duration:** 4 (months)

An exchange semester during my bachelor's degree.

GERMANY
2014

European Union program (PAD Exchange Program)

At: Kardinal von Galen Schule Mettingen

Place: Mettingen (Germany) | **Language:** German | **Duration:** 1 (months)

An exchange program organized by the German student exchange program.