Abdelrahman Habib CV

Particulars

Full Name	Abdelrahman Usama Gabr Abdou Habib	Date of Birth	1st July 1999
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Education

Sept 2022 – Current — **Université de Bourgogne (France), University of Cassino (Italy), University of Girona (Spain), MSc. Medical Imaging and Applications**

Currently in the 3rd semester of the program.

Core Technical Courses

Image Processing, Digital Signal Processing, Software Engineering, Applied Mathematics, Sensors and Digitization, Machine and Deep Learning, Introduction to Robotics, Statistical Learning, Distributed Programming and Networking, Advanced Image Analysis, Medical Image Registration, Medical Image Segmentation, Computer Aided Surgery and Medical Robotics, Computer Aided Diagnosis, eHealth, MSc Thesis.

May 2023 – July 2023 — **Oxford Mathematical Institute, United Kingdom, Oxford ML Summer School**

Attended and completed the summer school ML x Health track in-person and ML x Fundamentals & Cases, total of 43 hours of lectures on advanced topics in ML theory and its applications in health.

Aug 2021 – Nov 2021 — **Udacity, AI for Healthcare Nanodegree**

Graduated from the program with completing all four projects.

Sept 2017 – April 2022 — **Universiti Teknologi Malaysia, Malaysia, Biomedical Engineering**

1. First Class Honors in Biomedical Engineering; cGPA 3.91/4.00.
2. Received dean list certificate for every semester.

Work Experience

Sept 2022 – Mar 2023 — **Full Stack Engineer (Part-time), DoctorOnCall, Malaysia**

1. Gathered and addressed technical and design requirements.
2. Conduct training sessions for team members on AI & ML.
3. Actively participate in tech development and iterations for multiple projects including marketplace, e-pharmacy, dashboards, and AI solutions.
4. Perform code reviews with developers to ensure code performance and quality.

Mar 2022 – Sept 2022 — **Junior Developer, DoctorOnCall, Malaysia**

1. Participate in the entire application development lifecycle of designing implementing different applications.
2. Maintained databases and lead all healthcare AI-related platforms.
3. Participated in national and international competitions.

June 2020 – Mar 2022 — **AI & Technology Intern, DoctorOnCall, Malaysia**

1. Accelerated the company development plan and increased the performance by optimizing the codebase and conducting training sessions.
2. Applied ML/DL knowledge in developing world-class and national-level winning projects.

3. Gained knowledge in designing chatbots, automated testing, Robotic Process Automation (RPA), web development, UI/UX design, system architecture design, different cloud service providers, as well as business and public speaking.

May 2019 – July 2019   **Biomedical Engineering Intern, King Saud Medical City (KSMC), Saudi Arabia**

1. Acquired knowledge of medical devices maintenance and management services through Planned Preventive Maintenance (PPM).
2. Gained practical experience on various medical devices across different departments (radiation, dialysis, ICU).

Digital Capabilities & Experience

Cloud	Google Cloud Platform, Amazon AWS, Heroku Cloud, Firebase
Database	PostgreSQL, Google Firebase, MongoDB
Frontend	HTLM, CSS, JavaScript, NextJS, EJS
Backend	NodeJS, ExpressJS, Flask,
Mobile	Java for Android Development
Microprocessor	C, C++
Statistical/Analysis	R language, MATLAB
Machine/Deep Learning	Python, PyTorch, Tensorflow
Database	NoSQL, PostgreSQL, Google Firebase

Global and National Awards

2023	Acquisis International Mobility Grant – Region Bourgogne Franche Comte (RBFC)
2022	Awarded Erasmus Mundus Joint Master's Degree (EMJMD) Scholarship
2022	1st Place – Global United Nations AI For Good Challenge 2022 for Healthcare AI
2021	Awarded "Dreamcatcher Best Demo Award" – Innovative Malaysia Design Competition (IMDC)
2021	2nd Runner Up – AWS Technology Track in Innovative Malaysia Design Competition (IMDC)
2020	Awarded "TGL Best Demo Video Award" – TheGreatLab	TGL
2020	2nd Runner Up – Chipta Hackathon

Voluntary and Self Development Activities

2019	Volunteered in many programs and projects, with collaborations between different universities and hospitals (HKL), local and international (Indonesia - UniBatam)
2019	Arranged among student society an industrial visit to MJIIT & PROTON HICOM Factory
2018	Planned launching Public Speaking Challenge Cup for 100 primary and secondary school students " Z-Gen Speakers Public Speaking Challenge"
2018	Volunteered as Head of Multimedia department for both International Student Society – UTM, and International Student Society – Egypt

Languages

English	Fluent in spoken and written English, C1 IELTS level
Arabic	Native command in spoken and written Arabic