ALTIGANI AHMED

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Computer science researcher, machine learning practitioner and software developer. Currently works at Mega for technical solutions.

EXPERIENCE

27/06/2022 – NOW
WEBSITE DEPARTMENT HEAD, ALNEELAIN UNIVERSITY, SUDAN

Appointed as head of website department With responsibilities of analyze business needs presented by university faculties and approach recommend technical solutions with completion timeline.

12/10/2021 – NOW
SENIOR SOFTWARE DEVELOPER, MEGA DOR TECHNICAL SOLUTIONS, SUDAN

Appointed as a senior software developer at mega for technical solutions, sudan. With responsibilities of planning, designing, developing and managing software lifecycle.

01/07/2021 – 01/08/2021
SENIOR SOFTWARE ENGINEER, ALHOOR COMMERCIAL BROKER, UAE

Appointed as a part time senior software engineer at Alhoor Commercial Broker, United Arab Emirates with responsibilities of developing cloud storage management platform using PHP Laravel framework with integration of google drive APIs.

01/06/2021 – 01/08/2021
SENIOR SOFTWARE ENGINEER, HASH IT EXCELLENCE, SUDAN

Appointed as a senior software engineer at Hash IT Excellence with responsibilities of maintaining software development lifecycle, determining operational feasibility, designing system specifications, standards, and programming

16/02/2019 – 16/02/2021
SOFTWARE DEVELOPER, GULF COLLEGES, SAUDI ARABIA

Appointed as a full stack programmer at gulf colleges with responsibilities of maintaining the registration system (pure PHP) and developing new systems including (Electronic attendance system, Correspondence management system, and Human resource management system). in addition to integrating the Learning management system (Moodle) and the virtual classroom system (bigbluebutton) with the registration system for a full automated learning process. also, configuring all these systems to use Google and Microsoft authentication (oauth2 and SSO). I also worked as the main responsible of integrating gulf colleges systems and the ministry of education via compliance platform.

17/02/2016 – NOW
SOFTWARE DEVELOPER, FREELANCING

Working as freelancer and delivered lots of projects and websites for example:

1. Albatin club website, Saudi Arabia.
   Link : https://albatin.sa.
2. Musaned Charity Organization
   Link : https://musaned.org

25/09/2018 – NOW

LECTURER, ALNEELAIN UNIVERSITY, SUDAN

Promoted as full-time lecturer at Alneelain university – faculty of computer science and information technology – department of computer science. With responsibleness of teaching and supervision.

10/08/2016 – 25/09/2018

TEACHING ASSISTANT, ALNEELAIN UNIVERSITY, SUDAN

Worked as full-time teaching assistant at Alneelain university – faculty of computer science and information technology – department of computer science. With responsibilities of student assistance on laboratory teaching.

01/12/2015 – 01/12/2016

NETWORK SECURITY ENGINEER, NILE CENTER FOR TECHNOLOGY RESEARCH, SUDAN

Worked as network security engineer and collected many of security experiences in operating and constructing security services and system administration.

EDUCATION

JAN 2019

AFIRM19, CAPETOWN UNIVERSITY, SOUTH AFRICA

Africa summer school on machine learning for data mining and search.

SEP 2018

MSC, UNIVERSITY OF ALNEELAIN 2018, SUDAN

Master of computer science – first class – with GPA of 84.1 (top of the class). The master project was "Arabic ChatBot for student FAQ" using Machine learning framework (TensorFlow).

DEC 2015

BSC, UNIVERSITY OF ALNEELAIN 2015, SUDAN

Honor Bachelor of Computer Science (GPA of 84.55 - top of the class) with a sound understanding of artificial intelligence, neural networks, algorithms and deep learning. In addition, some planning skills to deliver assignments within set timeframes and to a high-quality standard. "A virtual human character (AVATAR) that moves its body according to speech recognized from the user or typed text to make the equivalent sign to help deaf people for better interaction" was my graduation project.

COUSES AND CERTIFICATES

- Business Analysis
- CEH (Certified Ethical Hacking)

SKILLS

- Machine Learning: TensorFlow and weka
- Programming Languages: PHP, JAVA, and python.
- Web technologies (Laravel, JQurey, Bootstrap, Materialize and tailwind, web services).
- Network Services: Email, FTP, DHCP, HTTP, DNS; all under Linux.
- Network security: Cryptography, Firewalls, VPN, IPSec, SSL and TLS authentication.
- Cloud management: Amazon AWS and Microsoft Azure AD.

ACTIVITIES

Compute science department secretary, University of Alneelain March of 2017 – 15/02/2019.
Appointed as a secretary of computer science department to assist the head of department in decision making and tracking.

Head of electronic exams section, Faculty of computer science and information technology – Alneelain
Associated in the first deployment of the electronic examination system in the university. I was also responsible for maintaining and developing the system as system administrator.

Computer science competition between universities of Sudan, KHARTOUM UNIVERSITY.
Selected to participate on behalf of Alneelain University students' body for the competition that was held in 14-6-2015.

Financial Secretary of computer science consortium
As a financial secretary I have done some projects to develop the community of computer science in Alneelain university like the week of computer science in the period of (24-28)-may-2015.

LANGUAGES

- Arabic (Mother tongue)
- English (Upper Intermediate).

REFERENCES

- Dr. Maha Abo Yousif, Dean of CS&IT faculty, Alneelain university, 00249912605591.
- Dr. Altayeb Alsamani, CEO of Hash IT, 00249912336908.