

Abdullah Muhammad-Kamal

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EDUCATION

UNIVERSITY OF WARWICK

OCT 2017 – JUL 2021

BSc (Hons) Computer and Management Sciences

- Key modules: Databases, Algorithms, Design of Information Structures, Design In Business and Project Management.

TOWNLEY GRAMMAR SCHOOL

SEP 2015 - JUL 2017

- A Levels: Mathematics (A) Chemistry (A) Biology (A).

CERTIFICATES

BCS Foundation Certificate in Systems Development

JULY 2020

Udemy Complete 2020 Web Development Bootcamp by Angela Yu

DECEMBER 2020

- Technical Skills: HTML 5, CSS 3, Bootstrap 4, JavaScript/JQuery, NodeJS, React and MongoDB.

PROJECTS

KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY | *Research Project Lead*

SEP 2019 – MAR 2020

- Led a research project, focused on missing link prediction in pharmacogenetic data, at a world renowned research facility as part of the Bio-Ontology Research Group, under the supervision of Professor Robert Hoehndorf.
- Coordinated the activities and responsibilities of group members in the development of the research paper.
- Used a combination of Python and SQL in data analysis and integration of pharmacogenetic data in the creation of the knowledgebase.
- Developed and optimised the performance of distributive machine learning models for link prediction using Python.
- Evaluated the distributive models against the results of symbolic machine learning models developed using Prolog.
- Successfully presented project results and findings to an audience of Associate Professors and Research Scientists.

DEUTSCHE BANK SMART APPLICATION TRACKING SYSTEM | *Business Analyst & Frontend Engineer*

JAN 2019 – MAR 2019

- Identified and evaluated the feasibility of options for improving the Deutsche Bank's existing application tracking system.
- Developed the website using: HTML, CSS, Bulma CSS Framework, MongoDB and Python Django.
- Developed a machine learning model ranking applicants and routing them to more suitable roles in the company.
- Led client consultation meetings to greater understand the client's existing business environment as well as their needs and concerns with their current system.
- Successfully developed a product that saved Deutsche Bank administration team 75% of time in assessing applications.
- Product awarded second place, by Deutsche Bank, out of a participation pool of thirty-two teams.

EXPERIENCE

TEACH FIRST | *Intern Computer Science Teacher*

MAR 2019 – APR 2019

- Taught programming and relational database concepts to students aged 11-16 in at Springwell School, a non-selective state-run school in west London.
- Organised and led university guidance sessions to high achieving children in every year group at the school.
- Granted, as a result of my teaching performance, three additional classes to teach along with my pre-scheduled two.
- Awarded a full time position with Teach First from my overall performance as a teacher and a member of staff.

WARWICK AFRICA SUMMIT | *Events Team Executive*

OCT 2018 – APR 2019

- Organised a two-day conference on the social and economic development of Africa, hosting 20+ high-profile speakers and 500 attendees from higher education institutions from across the country.
- Co-ordinated the activities in planning pre-conference events to increase conference attendance and educate the audience on the current state of African countries.
- Designed and developed a website for the conference, including a blog, allowing for greater attendee interaction.
- Orchestrated a digital marketing strategy through social media, increasing external attendee ticket sales by 100%.
- Achieved 50% greater attendee satisfaction feedback in comparison to the previous year conferences.

VOLUNTEERING

WARWICK ISLAMIC SOCIETY | *Charity Week 2018 Volunteer*

OCT 2018 – NOV 2018

- Arranged events to raise funds for orphans and children in the local area and worldwide.
- Coordinated events during charity week to inform people of the mission of charity week, including public speaking to potential donors on the impact of their donation around the world.
- Successfully raised the highest amount of money in the Midlands with a total of £20,994.

SKILLS

PROGRAMMING LANGUAGES: Proficient in Python, Java, Bash, HTML, CSS, JavaScript, SQL/MySQL and MongoDB; familiar with PHP and C.

OPERATING SYSTEMS: Linux, Windows and Mac OS.

SOFTWARE: LaTeX, Trello, Monday.com, Slack and Git

LANGUAGES: English (Fluent/Native) and Yoruba (Fluent/Native)