Adham Sayed

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EDUCATION

Master of Sciences, Advanced Computing   September 2022 – September 2023
King's College London, London, UK

- Area of Focus: (Machine Learning, Security Management, Data Analysis)

Bachelor of Sciences, Computer Science   September 2019 – June 2022
University of Brighton, Brighton, UK

- Area of Focus: (Cyber Security, Intelligent Systems, Computing Technologies)
- Grade: First Class Honors

RELEVANT EXPERIENCE

Data Visualisation and Simulation   June 2023
King's College London, London, UK

- Leveraged JavaScript to develop a responsive and accessible web application to illustrate social media's impact on online shopping habits across genders.
- Ensured accessibility for users with various types of color blindness by implementing color contrast tools and accessible design principles, such as using the Web Content Accessibility Guidelines (WCAG) and utilizing tools like Color Oracle and Contrast Checker to test and optimize color combinations.
- Divided and normalized a large dataset into manageable segments using Python's Pandas library to facilitate easier accessibility and usability for other students, enabling them to utilize the data effectively for future projects.

Security Management   November 2022
King's College London, London, UK

- Led a group project advocating security as a business strategy, illustrating the use of quantitative analysis through calculations of ALE, SLE, and ARO, utilizing tools such as Microsoft Excel for data analysis, conducting research and gathering data on security breaches and financial impacts.
- Analyzed and highlighted industry case studies to demonstrate potential losses from security vulnerabilities using quantitative analysis, presenting findings to stakeholders, and highlighting the necessity of integrating security as a core business strategy.
- Animated and designed informative scenes using Adobe After Effects and Animaker, ensuring stakeholder engagement, and edited animations using Lightworks, enhancing presentation impact and fostering an understanding of security's importance in business strategy.

Advanced Web Development   June 2022
University of Brighton, Brighton, UK

- Developed a responsive web application using React, MongoDB, and Express, integrated the Google GPS API for precise location logging of pangolin sightings, ensured adherence to standards of location-sharing services for data privacy and security, created a user-friendly interface for park rangers to easily log pangolin sightings and their exact locations, and contributed to conservation efforts by providing a tool for monitoring and tracking pangolin populations.
- Engaged with previous park rangers to gather insights and discussed the implementation of a feature for logging multiple animal sightings within the web application, leveraging communication tools like Microsoft Teams, enhancing its versatility and utility for wildlife monitoring. Ensuring a central system for endangered animals is possible in the future.

Intelligent Systems   November 2021
University of Brighton, Brighton, UK

- Designed a system to assess classifier accuracy and precision for distinguishing spam emails, leveraging Python libraries such as scikit-learn and TensorFlow for machine learning algorithms, evaluated different classifiers individually and in a stacking ensemble, implemented cross-validation techniques using tools like K-fold cross-validation, utilized metrics like accuracy, precision, and the F1 score for assessment, and successfully analyzed classifier performance, offering insights into their effectiveness for spam classification tasks.
- Explored ensemble learning methods like boosting or bagging, combining multiple classifiers for enhanced spam detection accuracy, resulting in improved performance due to diverse patterns in the data and reduction in overfitting.

VOLUNTEER EXPERIENCE

Student Representative   October 2019
University Of Brighton, Brighton, UK

- Provided personalized 1-to-1 tours of university accommodation to prospective students and their parents/guardians, building rapport by addressing questions and concerns confidently, and contributing to positive experiences by offering guidance and support during tours and events, ensuring a welcoming environment for visitors.
- Maintained consistent communication with guardians and students, offering assistance for any future questions that might arise after the tour, resulting in future students feeling understood and supported with their university decisions.

Student Experience   June 2018
British International School Riyadh, Riyadh, Saudi Arabia

- Participated in a five-day work experience program during 6th form to gain insight into the design and integration of the Riyadh metro, observing project progress and engaging in discussions with partner companies. Acquired valuable teamwork skills through collaboration with Dorsch to design and test metro/bus lines for Riyadh, ultimately receiving a certificate of completion for the program.

Vice-Chair Charity Committee   November 2017
British International School Riyadh, Riyadh, Saudi Arabia

- Collaborated within a team to organize charity events for partnered organizations, provided timely input as Vice Chair during decision-making processes, and demonstrated effective listening skills, developing diverse ideas into cohesive plans.
- Implemented a feedback system for event attendees to gather insights and suggestions for potential adjustments, ensuring continuous improvement and enhancing future event experiences.

SKILLS AND QUALIFICATIONS

- English (Native), Arabic (Native), Saudi Arabia Dependent Iqama
- Professional proficiency with JavaScript, SQL
- Intermediate Proficiency with Python, C++, Quantitative Analysis, Lightworks, Sci-kit Learn
- Beginner proficiency with Adobe After Effects, Pandas Python Library
- Workplace Hazard Award

هوية مقيم

رقم النسخة ١٠

ادهم عمرو عبدالفتاح سيداسماعيل

ADHAM AMRO ABDULFATTAH SAYED ISMAIL

رقم الهوية: ٢١٧٢٤٥٩١١٣

تاريخ الانتهاء: ٢٠٢٤/٠٥/٠٨

تاريخ الميلاد: ٢٠٠١/٠١/٠١

مكان الميلاد: العربية السعودية

الجنسية: مصر

الديانة: الاسلام

صلة القرابة: ابن

مكان الإصدار: جوازات الرياض

اسم رب الأسرة: عمرو عبدالفتاح سيد اسماعيل

هوية رب الأسرة: ٢٠٩٧٥٥٨٥١٠

يجب التحقق
من الرمز السريع
قبل اعتماد
التعامل مع الهوية