Ibrahim Wifak

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Education

Anne Arundel Community College   Arnold, MD
Associate in Computer Science - Information Systems, Magna cum Laude   May 2023
Relevant Coursework: Systems Analysis & Design, Computer Science 2, Managerial Accounting, Financial Accounting.
University of Maryland: College Park   College Park, MD
Bachelor of Computer and Information Science, Magna cum Laude   May 2025
Related coursework: Database Design and Modeling, Elementary Statistics and Probability.

Personal Projects

Development of Online Presence and Service Organization Platform for a Business   **December 2023**
- Led the creation of a dynamic website with the primary objectives of establishing an online presence and optimizing service organization.
- Utilized HTML, PHP, CSS, and JavaScript (JS) to design and develop the user interface, ensuring a responsive and visually appealing website.
- Integrated a robust database system to store and manage customer information efficiently, facilitating prompt response and service completion.

Python-based Encoder-Decoder Implementation   **May 2023**
- Developed an encoder-decoder system using Python as part of a school project, showcasing proficiency in algorithmic design and programming.
- Gained valuable insights into cryptography, data transformation techniques, and algorithm optimization through the development of the Python-based encoder-decoder project.

Strategic Opportunity Analysis and Product Development   **December 2023**
- Individually led the development of an Opportunity Analysis Canvas as part of a school project, focusing on identifying and strategizing a product launch within the next 12 months.
- Strategically assessed initial funding requirements, ensuring the identified opportunity could be capitalized upon with a budget of no more than $25,000.

Comprehensive Database Development and Implementation   **December 2023**
- Led the end-to-end development of a physical database, translating the logical design into a robust and efficient database system.
- Collaborated effectively in a team environment with four colleagues.
- Utilized advanced SQL techniques to analyze and answer over 10 critical business questions, providing valuable insights and supporting informed decision-making.
- Applied complex queries and data manipulation skills.

Leadership & Activities

Faux Amour • *Co-Owner*   **May 2021 - Present**
- Developed and executed comprehensive marketing initiatives, including digital campaigns and product launches, resulting in a significant boost in customer acquisition and retention for a streetwear brand.
- Overseeing production, managing inventory, and developing marketing strategies.

Skill Development Private Mentor   **September 2023**
- Mentored and tutored a diverse group of 3 individuals, resulting in a 47% improvement in participants' Java and HTML proficiency and successful project outcomes.

Distributive Education Clubs of America   **August 2019 – May 2020**
- Developed leadership and teamwork skills through active participation in DECA competitions.

Skills

Technical: Programming languages: Java, C++, mySQL: SQL, R, HTML, CSS, PHP, JS, Python, Microsoft Office: Excel, Word and PowerPoint, Notion, Database management.
Language: Native Fluency in Arabic and English, Novice Proficiency in French
Interests: Fashion, Basketball, Art, Tutoring, and Cooking