Yahya Al-Eryani

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EDUCATION

American University of Beirut (AUB), Lebanon	Sept/19- Present

Bachelor of Science in Computer Science
Relevant Coursework: Algorithms - Software Construction - Object-Oriented Programming - Software Engineering - Artificial Intelligence - Web Development - Database Systems - Programming Languages- Embedded Systems for Life- Critical Applications.
Scholarships: Middle East Partnership Initiative Tomorrow's Leaders Program funded by The US Department of State.
Honors/ Awards: Dean's Honors List - Murex Best Collaborative Development Project
Online Courses: Intro to Deep Learning with PyTorch - CS50's Introduction to Artificial Intelligence - Machine Learning Specialization - Data Science: Foundations using R – Introduction to Cybersecurity.

University of Pennsylvania (UPENN), Philadelphia, USA	Aug/22 -Dec/22

An exchange semester as part of the International Guest Program (IGSP)

PROFESSIONAL EXPERIENCE

American University of Beirut Medical Center Development Team, Lebanon	June/22 – Aug/22

Software Developer
- Supported a team of developers with optimizing the existing in-house applications
- Worked with the development team on a project for migrating and upgrading ASP websites and applications to ASP.NET for better features and performance and for transferring the applications to a new server.

Dar Al-Handasah – International Engineering Consulting Company, Lebanon	June/21-June/22

Software Developer
- Conducted research on developing computer-aided architectural design technologies to assess the degree of insolation in the function of architectural form and suggest new building shapes to reduce heat gain to enable design teams to make informed decisions relating to energy efficiency during different phases of the design process.

Socialprise - Digital Marketing and Communications Agency, Lebanon	Jan/21- Feb/21

Web Developer
- Helped update Watani website with new features and the current website SEO.
- Setup Google analytics and search console
- Improved website functionality based on Customer' feedback and the vendor portal on the website.
- Created and designed new pages for the website such as the Contact Us and the Donate pages.

EXTRACURRICULAR ACTIVITIES

Undergraduate Volunteer Research Program (AUB), Lebanon	Dec/22 – Present

Research Assistant
- Working with a team of researchers on training an ML model on large datasets of protein structures, chemical compounds, and biological activity data to identify potential receptor targets of Tuberculosis and predict the efficacy of drugs.

Riders' Right - Grassroots Civil Society Organization (CSO), Lebanon	July/21 – Jan/22

Front-end Developer
- Update the current WordPress website of the organization with new designs and features.
- Create and design new forms and pages such as Membership and Volunteer form pages.

Wujoh Foundation for Media and Development, Yemen	Aug/18- April/19

Project Assistant
- Maintained contacts with potential stakeholders who may be interested in investing in projects.
- Supervised the projects in progress and ensures that all issues related to the projects are clarified and completed to avoid confusion and interruption during the execution of projects.
- Arranged for meetings, presentations, seminars, and trainings taking place in the foundation.

WORKSHOPS AND CERTIFICATIONS

AI Ready Academy Program, Zaka Foundation	June/21
Exam AI-900: Microsoft Azure AI Fundamentals, Microsoft	June/21
Exam DP-900: Microsoft Azure Data Fundamentals, Microsoft	May/21
Full Stack Web Development Track, One Million Arab Coders Program	May/19
Programming Foundations with JavaScript, HTML and CSS course, Duke University, Coursera	Feb/19

SUMMARY SKILLS

Languages: Arabic native speaker, Proficient in English.
Programming languages: Python, C++, Java, R, Visual Basic, C Language.
Web Development: HTML, CSS, JavaScript, PHP, REST APIs, Django, Django Rest Framework, ASP.NET
Machine Learning and Data Analysis: PyTorch, Keras, TensorFlow, Pandas
Database Management: SQL, MySQL