

Rana Ghoneim

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Objective

Obtain a position that will not use only my existing skills, but give me a chance to learn new skills and to impute new ideas.

PROFESSIONAL PROFILE:

- Highly self-motivated and adept at motivating others
- Strong team cooperative with ability to facilitate competitive advantage
- Unsurpassed communication and interpersonal skills
- Possess exceptional work ethic and organization skills
- Excellent negotiation with attentive listening and effective speaking skills
- Problem solver with solid detail orientation and organizational skills

EDUCATION AND TRAINING:

Bachelor of Science, In two majors Chemistry / Biochemistry, Alexandria University, Egypt – 2009 (**WES U.S Equivalent**).

Diploma, In Analytical Biochemistry – 2010 (**WES U.S Equivalent**).

Master of Science (MS), In Applied Medical Chemistry – 2016 (**WES U.S Equivalent**).

Master of Science (MS), In Artificial Intelligent (AI)- Machine Learning – 2023.

- **GPA:** 3.9
- **Relevant courses:** Software Development for AI, Fundamentals of AI, Methods in Empirical Analysis, Introduction to Big Data and Data Science, Machine Learning, Deep Learning, Feature Engineering, Harvesting, Storing and Retrieving Data, Information Retrieval and Web Search, Special Problems Scientific Data Visualization.

Philosophy of Doctorate (PhD), In Computer Science and Engineering [From Fall 2023 till Present].

- **Relevant courses:** Software Engineer, Bioinformatic Algorithm, Special Problems, Individual Research and Advanced Research.

Projects:

- Mall Foot Traffic Prediction (By using Machine Learning Techniques)
- Prediction of Housing Prices (By using Linear Regression Techniques)
- Image Colorization and Resolution Improvement (By using Generative Adversarial Networks)
- Sentiment Analysis on Twitter Data (By using Natural Language Processing Techniques)
- Topic Modeling for YouTube Videos (By using Latent Dirichlet Allocation and Integrate Web Application.
- Amazon Stock Market Prediction (By using Time Series Algorithms)
- Forest Fire Detection (By using Deep learning Techniques and CNN Architecture)
- Breast Cancer Classification (By using Machine Learning Techniques)
- Unsupervised Clustering On Multidimensional Cancer Omics Data To Discover Colorectal Cancer Subtypes Using SUPREME (By using K-means clustering, Hierarchical clustering and DBSCAN on multi-omics dataset)
- Anxiety Management Application on Android and IOS

Skills:

- Python
- Communication
- Collaborative and Teamwork
- Database Management
- Microsoft Office
- Data Structure
- Algorithms

Languages:

- English
- Arabic