



EDUCATION

Kadir has University

M.Sc. Computational Biology and Bioinformatics

Baghdad University- Ibn Al-haitham College

B.C Applied Chemistry

WORK EXPERIENCE

Volunteer Writer for Nafham - نفهم
Cairo, Egypt

Maarif international school in Baghdad

Research assistance at Kadir has university

Higher commission of independent electoral/Secretariat of the Supreme Council of Ministers / Data Entry

Lab / Laboratory

Al-Yarmouk school / Teacher

SAFANAH ALBAYATI

M.Sc Computational Biology and Bioinformatics

CONTACT

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SKILLS

Workload Management
Interviewing Skills
Advocacy
Relationship Building
Technology Skills
Leadership and Management
Programmatic Skills

Drug Design

Software:

- Discovery Studio Visualization – Biovia
- Discovery Studio - Biovia Dassault Systems
- Molecular Dynamic simulation- NAMD
- VMD - Visual Molecular Dynamics
- Open Babel.
- MODELLER Homology Modeling, Protein Structure Modeling.
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Tools:

- AutoDock – MGLTools.
- autodock and autodock vina.
- PyMOL Molecular Graphics System.
- GOLD | Protein-ligand docking – omicX
- PharmaGist Webserver - BioInfo3D
- SwissDock, Admet production - The online docking web server of the Swiss Institute of Bioinformatics.

Programming language:

- Python 2.7, 3 idle, Vi, Jupyter.
- LaTeX, Overleaf.

Databases:

- Zinc 12, 15.
- Chem Spider.
- PubChem.
- Protein Data Bank (PDB).
- National Cancer Institute: Comprehensive Cancer Information (NCI).
- Otava Chemicals.

Operating system:

- Windows
- Linux, ubuntu, Red hat, mint.
- Mac - Apple (ME)

Publication:

Potential inhibitors of methionine aminopeptidase type II identified via structure-based pharmacophore modeling - Journal Springer Journal Molecular Diversity

<https://doi.org/10.1007/s11030-021-10221-7>

Homology modeling of human histone deacetylase 10 and design of potential selective inhibitors

Journal of Biomolecular Structure and Dynamics

DOI: 10.1080/07391102.2018.1521747

<https://www.researchgate.net/profile/Safanah-Albayati>

مجلة نفهم

هل سمعت يوماً بقانون النهي العشائري؟
الحياة بعد الخروج من ملجأ الأيتام
تجربتي مع التعلم عبر الإنترنت
قانون الحضانة إلى أين؟
لا حياة لمن تنادي
ماذا لو كانت حضانة الطفل لغير الأم؟
أصل الغيرة وكيفية الوقاية منها

<https://tinyurl.com/3asxsp3p>

Training:

Inquiry Based Learning and Critical Thinking- Oxford University Press PD -2021

Literacy for Young Learners - Oxford University Press PD -2021

Differentiated Learning Strategies - Oxford University Press PD -2021

Engagement Online- Oxford University Press 2020

Yunus Emre Enstitüsü – Certificate of participation in Turkish Language 2020

أكاديمية وعي الدولية للتنمية والتدريب – ورشة تدريبية: تنمية الذكاءات المتعددة
الاستاذة د . شذى الميداني – سوريا

أكاديمية وعي الدولية للتنمية والتدريب – ورشة تدريبية: استراتيجيات التفكير التصميمي
Advanced Pathological Analytics Course- College of Health and Medical Technology

Epigenetic chemical Biology – ACTION CM1406 2018

Computational Methods in drug design training meeting

Author Aid – Research Writing in the Sciences

Communication Research outside Academia 2018

References

Ready upon request.