Curriculum Vitae

Maryam Aljame

Computer Engineering

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A B O U T   M E

I am an ambitious Teaching Assistant at Kuwait University in the Computer Engineering Department. I am always willing to learn and develop new skills. I am up for new challenges and love the feeling of achieving the goals that I set. I am very passionate about computer engineering and aim to learn more about it and deliver what I learn by teaching or implementing applications. During my ongoing learning journey, I developed two mobile applications, conducted two models to diagnose COVID-19, and published several journals.

P E R S O N A L

Name: Maryam Abdulrahman AlJame.

Civil ID: 289092501012.

Gender: Female.

Nationality: Kuwaiti.

Marital status: Married.

Date of Birth (dd/mm/Year): 25 / 9 / 1989.

E D U C A T I O N

- **Masters Degree in Computer Engineering (2015-2018)**
  - From Kuwait University, College of Engineering and Petroleum
  - GPA: 3.71

- **Bachelor Degree in Computer Engineering (2007-2012)**
  - From Kuwait University, College of Engineering and Petroleum
  - GPA: 3.45
  - MGPA: 3.64

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EXPERIENCE

- Teaching Assistant (TA) at Kuwait University, College of Engineering and Petroleum in the Computer Engineering Department (10/2021- Present).
- Computer Engineer (iOS developer), Ministry of Education (MOE) (02/2018 – 10/2021).
- Computer Engineer, Kuwait & Gulf Link Holding Company (KGL) (01/2017 – 07/2017).
- Computer Engineer, Public Authority for Civil Information (PACI) (10/2013 – 12/2016).

TEACHING EXPERIENCE

- Full-time Teaching Assistant, since October 2021, in the Computer Engineering Department at Kuwait University. I am teaching various courses, including Design and Analysis of Algorithms, Computer Architecture, Machine Learning, Capstone Design, Python Programming, and Database Systems, to name a few.

- Part-time Teaching Assistant in the Computer Engineering Department at Kuwait University (2013 – 2014). After I got my bachelor's degree, I worked part-time as a Teaching Assistant at Kuwait University, teaching C++ lab and fundamentals of digital logic. It was an insightful and fun experience, and I learned a lot from it. During my teaching experience, I aimed to return the favor and make a difference.

PERSONAL PROJECTS

- I developed iOS apps:
  - [Noor App](#) : iOS app and Apple Watch app
  - [Soart AlMulk App](#)

P U B L I C A T I O N S

- AlJame, M., Alnoori, A., Alfailakawi, M. G., & Ahmad, I. (2023). [A Spark-Based Parallel Implementation of Arithmetic Optimization Algorithm.](#) International Journal of Applied Metaheuristic Computing (IJAMC), 14(1), 1-27.

- Alzayed, M. A., Aljame, M., & Ahmad, I. (2022). [Investigating the impact of COVID-19 lockdowns on environmental health in Kuwait.](#) Journal of Engineering Research.

- AlJame, M., Imtiaz, A., Ahmad, I., & Mohammed, A. (2021). [Deep forest model for diagnosing COVID-19 from routine blood tests.](#) Scientific reports, 11(1), 1-12.

- AlJame, M., Ahmad, I., Imtiaz, A., & Mohammed, A. (2020). [Ensemble learning model for diagnosing COVID-19 from routine blood tests.](#) Informatics in Medicine Unlocked, 21, 100449.

- Alfailakawi, M. G., Aljame, M., & Ahmad, I. (2021). [Parallel and Distributed Implementation of Sine Cosine Algorithm on Apache Spark Platform.](#) IEEE Access.

- AlJame, M., Ahmad, I., & Alfailakawi, M. (2020). [Apache Spark Implementation of Whale Optimization Algorithm.](#) Cluster Computing, 23(3), 2021-2034.

- AlJame, M., & Ahmad, I. (2020). [DNA short read alignment on apache spark.](#) Applied Computing and Informatics.

- Aljamea, M., & Alkandari, M. (2018). [MMVMi: A validation model for MVC and MVVM design patterns in iOS applications.](#) IAENG Int. J. Comput. Sci, 45(3), 377-389.

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TOOLS & SKILLS

- LaTeX
- Xcode
- Apache Spark
- IntelliJ IDEA
- Android Studio
- Eclipse
- Git
- Google Colab
- Matlab
- Flutter
- Firebase
- Procreate

PROGRAMMING LANGUAGES

- SwiftUI
- Swift
- Objective-C
- Python
- C++
- Java
- Scala
- NodeJS
- Dart

VOLUNTEER EXPERIENCE & PARTICIPATION

- I participated as a reviewer for Informatics in Medicine Unlocked and IEEE Access to review journals before publication.
- I volunteered at the Kuwait Foundation for the Advancement of Sciences (KFAS) as a technical support team member for the Kuwait E-Award 2016-2015.
- I participated in the One Million Arab Coders program. I gained experience and enjoyed it massively.
- I participated in Hajj Hackathon as an iOS Developer. It was a fantastic experience.