

# Sahar Ahmed Awaji

Public - عام

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Seeking an opportunity to apply my expertise in data analytics and big data solutions to support organizational strategic goals, within an environment that values talent, innovation, and excellence.

## BRIEF PROFESSIONAL PROFILE

- In-depth expertise in big data analytics, machine learning, and statistical modelling, with a focus on deriving actionable insights from complex datasets.
  - Effective communication and management skills to continually improve the quality and efficiency of corporate processes
  - Proficient in the latest technological tools and trends including Python, R, SQL, SAS, and Power BI, ensuring solutions are cutting-edge and effective.
  - Demonstrated ability to meet deadlines and set priorities.
- Skilled in data presentation, statistical reporting, and numerical analysis, enabling clear communication of insights to both technical and non-technical audiences.

## WORK EXPERIENCE

University of Central Florida	Doctoral Research Assistant	Aug 2020 –Aug 2024
<div><div></div><div><b>Responsibilities:</b></div><div><ul style="list-style-type: none"><li>○ Big data analysis using various software, contributing to strategic decision-making.</li><li>○ Spatial data analysis for wingsuit skydiving: Analysed GPS data and provided recommendations to improve flight performance.</li><li>○ Time series analysis of Bank of America stock prices: Modelled trends and seasonality, delivering insights into stock performance.</li><li>○ Netflix customer churn analysis: Analysed subscription data and developed models to reduce customer churn.</li></ul></div></div>		
University of Central Florida	Graduate Teaching Assistant	Jan 2023 – May 2024
<div><div></div><div><b>Responsibilities:</b></div><div><ul style="list-style-type: none"><li>○ Exam Oversight: Designed and administered examinations for courses in Statistical Theory 1&amp;2, ensuring academic rigor and consistency.</li><li>○ Student Support: Provided comprehensive support to approximately 100 students, aiding in their understanding and application of course material. Skills, knowledge, abilities, or achievements.</li><li>○ Educational Collaboration: Worked closely with professors to enhance instructional strategies and student engagement in statistical theory.</li></ul></div></div>		
Saudi Arabian Cultural Mission (SACM)	Treasurer	Jul 2020 – Jun 2021
<div><div></div><div><b>Responsibilities:</b></div><div><ul style="list-style-type: none"><li>○ Manged Managed financial operations and budgeting for club events, ensuring efficient allocation of resources.</li><li>○ Developed and monitored budgets for various cultural and educational events, aligning spending with the club's goals.</li><li>○ Collaborated with club members and event organizers to ensure financial needs were met while adhering to budget constraints.</li></ul></div></div>		

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## Saudi Arabian Cultural Mission (SACM) Cultural Affairs Representative Jul 2019 – Jun 2020

### Responsibilities:

- Organized a series of cultural events and activities that promoted diversity, inclusion, and cross-cultural understanding on campus.
- Facilitated cultural exchange initiatives that increased student participation by 40% year-over-year, fostering a welcoming environment for diverse communities.
- Coordinated with university departments and international student organizations to enhance the visibility and impact of cultural events

## Saudi Arabian Cultural Mission (SACM) Event Organizer

Jul 2018 – Jun 2019

### Responsibilities:

- Coordinated logistics for high-profile international events at UCF, enhancing the cultural connection among international students.
- Successfully managed activities that showcased diverse Saudi traditions, effectively raising cultural awareness and appreciation within the university community.

### Educational Qualification

- PhD., Big Data Analytics (UNIVERSITY OF CENTRAL FLORIDA) - 2024
- M.S of Statistics and Data Science (UNIVERSITY OF CENTRAL FLORIDA) – 2023
- M.S of Mathematical Statistics (TAIF UNIVERSITY) -2016
- B.S of Matematice and Statistics (TAIF UNIVERSITY) -2012

### Professional Certification

- Python, Kaggle.
- Data Fundamentals, IBM.

### Skills

- Power BI, Machine Learning(ML), and Deep Learning(DL)
- Python, R, SQL and Software &Tools: SAS, SPSS, MATLAB, TensorFlow, PyTorch

## PERSONAL PROFILE

I am an **energetic** and **dedicated data scientist** with a passion for learning and solving complex problems through data. I am highly driven, with a strong **sense of responsibility** and a commitment to completing tasks efficiently and effectively. My experience has helped me develop excellent **analytical skills**, coupled with a **calm** and **adaptable** approach to problem-solving under pressure. I am a **confident communicator** and **team player**, capable of motivating others and building strong, trustworthy relationships. My goal is to use **data-driven insights** to contribute meaningfully to team success and create **sustainable, long-term impacts**.

## REFERENCES

References will be provided upon request.