

# SALEH ALSHAYA

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Statistician with demonstrated experience in academia and industry, public and private sectors, with experience developing and implementing traditional and new statistical learning methodologies, machine learning and deep learning techniques. Professional with a strong educational background. University teaching experience and high-level academic administrative expertise.

## EDUCATION

**MS Statistics**, California State University East Bay, Hayward, CA **GPA:** 3.778/4.0

*Expected: December 2022*

### Relevant Coursework:

- Probability and Statistical Theory
- Statistical Methods
- Analysis of Variance Models
- Linear and Logistic Regression
- Advanced Statistical Theory
- Bootstrapping Methods
- Statistical Learning
- Statistical Natural Language Processing

**BSc mathematics**, Qassim University, Saudi Arabia. **GPA:** 4.88/5.0 [Excellent with the first class honors]

*January 2016*

### Relevant Coursework:

- Calculus 1,2 & several variables
- Geometry
- Numerical Analysis
- Number Theory
- Principles of Probability and Distributions Theory
- Differential Equation
- Linear Programming
- Linear Algebra 1 & 2

## AREAS OF EXPERTISE

Data Analysis  
Statistical Learning  
Study design

Analysis strategies  
Project Management  
Modeling of data

Data Visualization  
Statistical software  
Interpretation of analysis and  
statistical reasoning

Predictive Analytics  
Teamwork & Leadership  
Data mining and analytics

## TECHNICAL SKILLS

Python | SQL | R | CS | Java | C++ | LaTeX | HTML | Matlab | Excel | R Markdown

## WORK EXPERIENCE

**Majmaah University, Saudi Arabia | Lecturer**

*Full time, February 2018 - Present*

- Taught Foundations of mathematics and Calculus 1 to students in the mathematics department.
- Provided Weekly Tutorials.
- Assessed assignments and quizzes.
- Facilitated lab sessions.
- Designed lab exercises and extra learning materials.

**Um Zomoa Secondary School, Saudi Arabia | Math Teacher**

*Full time, September 2016 – October 2020*

- Taught Math to various groups of students of different ages across 12 – 15 years.
- Provided lessons that are prepared with objectives.
- Examined the different abilities among students.
- Established the curiosity for intellectual in my students.

## Awards

Scholarship for masters and Ph.D studies from Majmaah University

*October 2018*