AAID ALGAHTANI

0530831320 • aamalqahtani@ksu.edu.sa, rakanaaid2018@gmail.com • King Saud University, Riyadh, SA, 12372 •

SUMMARY

Highly skilled and motivated statistician and data analyst professional with a strong background in statistical analysis, predictive modeling, and data visualization. Experienced in utilizing advanced statistical techniques to extract meaningful insights from complex datasets. Proven ability to solve real-world problems by applying statistical concepts and principles. Excellent communication skills and a track record of collaborating effectively in interdisciplinary teams.

EDUCATION

Ph.D., Statistics science Florida State University, Tallahassee, FL College of Art and Science

Dissertation: Limit Theorems for Object Data with Applications to 2D and 3D Image Data Analysis,

Supervisor: Victor Patrangenaru,

MA. , Statistics science

Indiana University, Bloomington , IN College of Art and Science

Intensive English Program

Indiana University, Bloomington , IN

B.S., Statistics science

King Saud University, Riyadh , SA College of Art and Science

TECHNICAL SKILLS

Data Analysis and Statistics: SAS, R , SPSS , MINITAB Design and Modeling Tools: MATLAB, Microsoft Office Programming: Basic Python Certifications: SAS certificate from Florida State University – 2019

EXPERIENCE

King Saud University, Riyadh, SA: Teaching assistant

- Teaching two courses, monitoring tests for many classes and enhancing learning via real world/academic experiences and examples
- Enforced all University policies and procedures, delivered key lectures and facilitated cognitive/affective learning,obtained and protected information regarding student's disabilities and facilitated appropriate accommodations in the classroom.
- Coordinated teaching assistant schedules, maintained office and networking equipment and scheduled repairs, and advised students about registration and degree planning.

Indiana University, Bloomington, In: Intern at Indiana Statistical Consulting Center (ISCC) Jan 2017 – May 2017

- Analyzed students projects which is involving a wide range of statistical methodology.
- · Created and delivered presentations to the group of interns for each project (PowerPoint and latex)

Florida State University, Tallahassee, FL: Teaching assistant

August 21 – December 2022

August 2017-August 2023

3.714 GPA

August 2014- May 2017

April 2012-May 2014

August 2007-August 2011

January 2012 – May 2012

- Assisting the instructor during lectures, lab sessions, or tutorials, preparing materials, setting up equipment, and addressing student questions or concerns.
- Grading and Assessment: Evaluate student assignments, exams, or projects according to established grading criteria. Provide constructive feedback to students and help track their progress throughout the course.
- Office Hours and Student Support: Hold regular office hours to provide one-on-one or small group assistance to students. Address their questions, clarify concepts, and provide additional explanations to enhance their understanding of the course material.

PUBLICATIONS

- Aaid Algahtani Limit Theorems for Object Data with Applications to 3D Image Data Analysis. Abstract at ASIC 2022, Greensbro, NC https://sites.google.com/uncg.edu/aisc-2022/submitted-abstracts
- A. Algahtani and V.Patrangenaru (2023). Two Sample Test for Extrinsic Antimeans on Kendall Planar Shape Spaces with Applications to Medical Imaging. (Submmited to the Annals of Statistics Journal)
- R. Paige, A. Algahtani and V.Patrangenaru (2023) . A Statistical and Topological Data Analysis of 2D and 3D Scenes Extracted from Electronic Images. (BSGP Journal)
- A. Algahtani and V.Patrangenaru (2023). Test for Mean Change in independent Samples on a Projective shape space for 3D scenes derived from digital images. (To be submitted soon)

CONFERENCES ATTENDANCE AND PRESENTATIONS

- V.Patrangenaru,R.L.Paige and I presented a Statistical and Topological Data Analysis of 2D and 3D Scenes Extracted from Electronic Images. The XVIth International Conference DGDS-2022, University Politehnica of Bucharest, Roma 3,2022, online.
- Presented a Limit Theorems for Object Data with Applications to 3D Image Data Analysis in ASIC conference 2022, Greensbro, NC.
- Attended The Statistics and quality: Riding The Big Data Wave conference, West Palm Beach, Fl, 2018.