

# Mana Azizsoltani

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## **EDUCATION**

University of Nevada, Las Vegas (UNLV)  
*PhD in Hospitality Administration*

Las Vegas, Nevada  
August 2022-May 2025

North Carolina State University  
*Masters of Statistics*

- GPA: 4.000

Raleigh, North Carolina  
May 2020-May 2021

University of Nevada, Las Vegas (UNLV)  
*Bachelor of Science in Mathematics*

- GPA: 3.804
- Major GPA: 4.000

Las Vegas, Nevada  
August 2017-May 2020

## **RESEARCH EXPERIENCE**

UNLV Department of Hospitality  
*Graduate Research Assistant*

Las Vegas, Nevada  
August 2022-Present

- Application of machine learning techniques to predict vape initiation and quitting behaviors
- Prediction of unconstrained demand in hotels using machine learning models
- Demand modeling of aggregate stadium attendance using machine learning
- Application of machine learning models to diagnose dermatological disease

NC State Department of Public Administration  
*Student Statistical Consultant*

(remote)  
January 2021-June 2021

- Compiled, cleaned, and combined data from various databases and built a fixed effects model in R
- Created summaries and visualizations and explained them to academics of different disciplines

UNLV Department of Hospitality  
*Undergraduate Research Assistant*

Las Vegas, NV  
March 2019-May 2020

- Predicted hotel cancellations using various machine learning techniques such as: random forest, Bayesian logistic regression, support vector machines, and neural networks using R
- Used parametric bootstrapping to estimate the autocorrelation correlation coefficient of time series data

## **OUTREACH & SERVICE EXPERIENCE**

25th Anniversary Educational Taste of Excellence  
*Board Member & Event Manager*

Las Vegas, Nevada  
March 2022-Present

- Help plan, organize, and manage a wine event of 500 attendees
- Solicited, trained, and managed 30 student workers

Troesh Center for Entrepreneurship  
*Graduate Assistant*

Las Vegas, Nevada  
August 2022-Present

- Helped plan, organize, and work the 2022 Troesh Research Conference
- Set up and worked the 2022 Global Consortium of Entrepreneurship Centers conference

UNLV Soccer Club  
*Founder & President*

Las Vegas, Nevada  
January 2019-Present

- Founded an organization that unites students of different backgrounds through soccer

- Increased club membership by 150%

Barcelona Book Club  
*Co-Founder*

Barcelona, Spain  
October 2021-January 2022

- Founded and headed a book club of 15 members of diverse backgrounds

Nevada Risk and Insurance Management Society  
*Student Board Member*

Las Vegas, Nevada  
September 2019-May 2020

- Served as the intermediary between the professional chapter and the student chapter at UNLV
- Educated students about the insurance industry and connected them to employers
- Organized a Christmas gala of 220 attendees from the insurance industry

AMSTAT Student Chapter  
*Vice President*

Las Vegas, Nevada  
January 2019- May 2020

- Hosted and solicited volunteers for the event “State of Data Science in Las Vegas”
- Connected students of mathematics and statistics to job opportunities

University of Nevada, Las Vegas  
*Rebel Ambassador*

Las Vegas, Nevada  
April 2019-May 2020

- Give guidance to prospective UNLV students and their families
- Travel to local high schools to promote UNLV

## **EXTRACURRICULAR ACTIVITIES**

The Job Forum Podcast  
*Creator & Host*

- Write and record a podcast about recent graduates’ journeys through college and into the workforce, bringing guests of different disciplines.

KUNV HD2 Radio  
*Radio Host*

- Host for two hours on the UNLV HD2 radio station
- Read public service announcements and keep track of music and advertisements

Manalogue Blogs  
*Author & Creator*

- *Becoming Dr. Mana*: An account of my journey through my PhD
- *Americanito en Barcelona*: A week-by-week account of my journey living abroad in Spain

## **AWARDS & ACKNOWLEDGEMENTS**

Governor Guinn Millennium Scholarship  
*Recipient*

Las Vegas, Nevada  
Fall 2017-Spring 2020

- Amount: \$10,000 to be used over 4 years

## **INTERNSHIP EXPERIENCE**

Complete Actuarial Solutions Co. (CASCO)  
*Actuarial Intern*

Washington D.C.  
May 2019-July 2019

- Summarized insurance claims data for automotive, workers’ compensation, medical malpractice, and other lines of coverage and created visual representations in Microsoft Excel to see reserving patterns
- Created actuarial triangles and analyzed loss development factors to understand claim development
- Worked with actuaries to create reserving and valuation reports for clients

Universal Retirement

Las Vegas, NV

*Finance Intern*

April 2019-May 2019

- Analyzed and calculated various retirement plans to create visual representations for clients in Microsoft Excel
- Explained and recommended retirement plans to people of different financial backgrounds
- Worked with financial advisors to develop appropriate financial plans for clients

## **WORK EXPERIENCE**

Self-Employed

Las Vegas, NV

*Private Tutor*

August 2019-Present

- Tutor high school and college students in a variety of statistics and math classes
- Simplify and explain complex concepts in mathematics and statistics to diverse clients

Various Public Schools

Barcelona, Spain

*Substitute Teacher*

September 2021-November 2021

- Taught elementary-level English, physical education, and mathematics classes in English and Spanish at various elementary schools in the Barcelona metropolitan area

College of Southern Nevada

Las Vegas, NV

*Tutor of Mathematics*

January 2019-May 2019

- Tutored college students at various math levels to facilitate a better understanding of math concepts
- Simplified and explained mathematical concepts in easy-to-understand language
- Collaborated with other tutors to develop new techniques to teach students

AAA Water

Walnut Creek, CA

*Office Clerk*

July 2018-October 2018

- Manually prepared and moved inventory in warehouse and entered orders into WATER software
- Contacted customers to schedule appointments for water filter service

Aquatic Experts

Maui, HI

*Service Provider*

May 2018-July 2018

- Serviced both commercial and residential pools, aquariums, ponds, and water filters
- Collaborated with other service providers on large-scale, contracted projects
- Canvassed new clients and solicited new accounts by attending community events and by going door-to-door

## **SKILLS**

- Bilingual: proficient in **Spanish** and **English**, Verbal and Written.
- Basic proficiency in **Catalan** (verbal and written) and **Farsi** (verbal).
- Experience in **Microsoft Office**, **R(Studio/Shiny)**, **Docker**, **HTML**
- Create, design, and maintain a personal Jekyll website