

MONIKA VLAD

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A detail-oriented and solution-driven math student who is passionate about taking real-world problems and creating actionable solutions. Possesses great analytical and multitasking skills, easily grasps new concepts, thrives in a fast-paced working environment, and excels in both individual and group settings.

QUALIFICATIONS & SKILLS

- Applied Analytics: Analysis of Variance (ANOVA), Chi-Square, Regression Models (Simple, Multiple and Binary Logistic)
- Highly experienced in computer programming languages: R, SAS, Excel, Python and SQL
- Data Governance: Data Mining, Exploratory Data Analysis, Data Cleaning and Maintenance
- Multilingual: English and Ukrainian (Native/Bilingual); Russian (Fluent)

WORK EXPERIENCE

ExactDistribution LLC, Kennesaw, GA

August 2019 – May 2020

Assistant Manager

- Applied analytical skills to organize data into comprehensible reports resulting in greater visibility amongst the departments to corroborate effective synergy, and an ability to better forecast trends to improve resource allocations and create more opportunities for growth.
- Responsible for the management and processing of the payroll function. This included the compiling of data points (hours worked, taxes and possible deductions), reviewing calculations and maintaining strong internal controls, data reports and entry into internal systems, and the preparing and eventual issuance of paychecks.
- Assisted in day-to-day general administration of the office. Helping with necessary office operations and procedures, one-off projects, and digital file organization.

Kennesaw State University, Kennesaw, GA

December 2017 – May 2019

Supplemental Instruction Leader

- Partnered and worked closely with professors to assist in managing curriculum plans, attended lectures and transcribed lessons and classroom interactions, and assisted students in content comprehension.
- Held weekly study sessions with 20+ students to provide additional Q&A, assist with exam prep, and to offer more in-depth analyses on challenging subject matter.
- Successfully recruited and trained 15 new supplemental instruction leaders.

Tin Lizzy's Cantina, Kennesaw, GA

November 2017 – May 2021

Bartender

- Highly adept in customer service and conversation skills, providing patrons with timely service and an enjoyable environment resulting in the cultivation of a recurring and loyal clientele.
- Collected and processed payments using the restaurant's point-of-sale system, tallying and verifying all cash and credit card transactions at the end of each shift.
- Managed bar stock inventory in excess of \$15k to include rotating stock.
- Well-versed and comfortable in providing excellent service and results in loud, fast-paced work settings.

EDUCATION

Kennesaw State University, Kennesaw, GA

Anticipated, December 2022

Bachelor of Science, Computational and Applied Mathematics

Concentration in Applied Statistics and Data Analysis

Relevant Coursework:

- Computer Application of Statistics, Statistical Methods I and II, Biostatistics, Programming in R, Programming Principles, Introduction to Linear Programming, Probability and Data Analysis, and Statistical Data Mining.

Activities:

- ***Analytics Day***: Enthusiastic participant in the University's Fall 2022 Analytics Day. Presentation of the extensive research I've analyzed on the United States Foster Care system in the year of 2020 using Simple Linear Regression, Multiple Linear Regression, Welch's non-parametric t-test, Chi-Square, One Way ANOVA and Two Way ANOVA in RStudio and SAS Studio.
- ***Volunteer Work at National Honor Society***: Tutored 20+ students in various math subjects and improved comprehension by 20-40%.