

SUMMARY

Hard-working entry-level Statistician with strong knowledge in statistical theories and formulations, and adept in statistical modeling processes. Proficient in data preparation and statistical programming in R. Strong passion and interest in using statistical skills for use in medical research.

EDUCATION

University of Houston-Downtown, Houston, TX

Bachelor of Science in Applied Statistics

May 2015

GPA: 3.53

Study Abroad: Università Cattolica del Sacro Cuore, Milan, Italy, Winter 2013

Honors: Dean's List Fall 2014 and 2015

SKILLS

Statistical Tools: R, SAS, IBM SPSS, Matlab, Microsoft Excel (pivot tables)

Computer: Canva, PowerPoint, Prezi

Language: Fluent in Spanish (reading, writing, speaking)

RELEVANT PROJECT EXPERIENCE

Effects of sample size on statistical significance in 2-sample proportion tests Jun 2014-May 2015

Independent Research Project

- Examined previously collected data on cognitive development of 9- and 14-month old infants
- Conducted simulations by increasing the sample sizes in statistical program R
- Identified recommended sample sizes for yielding statistically significant results at varying levels of alpha

Predicting the probability of diabetes based on lifestyle

Aug 2014 – Dec 2014

Statistical Modeling Project Leader

- Interpreted results for given data set about diabetes and performed transformations to meet assumptions
- Generated a predictive model using logistic regression

Attitudes of atheists

Jan 2014 – May 2014

Independent Research Project

- Analyzed previously collected data on the beliefs of 8,351 atheist participants
- Reviewed publications on religious believers' attitudes towards atheists
- Reported correlations and percentages on morality, religion's impact, and psychological health of atheists

Alamance Health Center

Aug 2013 – Dec 2013

Survey Sampling Methods Project

- Consulted with coordinator to assess needs of rehabilitation center
- Designed and administered a survey to patients in desired population
- Presented research findings in formal oral presentation to Center staff

LEADERSHIP AND CAMPUS INVOLVEMENT

Psychology Club-Treasurer

Aug 2012 – May 2015

- Coordinated three fundraisers raising \$200 for future events
- Managed a \$1000 organization budget

Kappa Delta Sorority, Eta Chi Chapter- Founding Member

Jan 2011 – May 2014

- Planned and advertised philanthropy projects and on-campus events
- Volunteered with local Girl Scout troop planning events