

Mackenzie Bogiages

mackenziebogiages@gmail.com • (678)232-6098 • 10 Emerson Place, Apt 8H, Boston, MA 02114

EDUCATION

University of North Carolina at Chapel Hill

May 2018

Bachelor of Science in Statistics and Analytics

Bachelor of the Arts in Economics

Minor in Hispanic Studies

Universidad Complutense de Madrid

Spring 2017

- Lived with a non-English speaking family, and attended classes at a Spanish university while experiencing new cultures, strengthening independence, exemplifying resourcefulness, and practicing problem solving skills

Awards

Heritage Greece Scholar

June 2016

Buckley Public Service Scholar

May 2018

Carolina Research Scholar

May 2018

RELEVANT EXPERIENCE

IBM, Cambridge, MA

October 2018 – present

Consultant

Sequent Health Physician Partners, Atlanta, GA

Data and Analytics Intern

Summer 2017

- Worked in a dynamic medical environment with a multidisciplinary team and exposure to many different patient populations
- Created clinical data models to identify at-risk patients; collaborated with clinical staff to initiate prevention measures
- Analyzed membership data to identify trends and fashioned them in an executive presentation for the board of directors
- Collaborated with marketing team to refresh website and to cater it to the appropriate audiences and increase engagements
- Independently built management dashboards to support best practices while simultaneously managing other projects

Children's Healthcare of Atlanta, Atlanta, GA

Business Intelligence Intern

Summer 2016

- Provided analysis and modeling support to help prevent Emergency Department overcrowding by predicting the times when the demand for services exceeds the available clinical capacity
- Used over a dozen statistically significant variables to create predictive models to forecast arrivals in the Emergency Department to appropriately staff employees in shifts
- Partnered with a team of statisticians, nurses, and doctors to identify and quantify over fifteen variables that influence arrival rates in the neonatal intensive care unit while confidentially handling patient data

Himformatics, Atlanta, GA

Consulting Intern

Summer 2015

- Member of the healthcare consulting team helping Shepherd Center during and after the "go live" process with new software
- Integrated thousands of patient and hospital data points into new, updated data base
- Assisted hospital employees with troubleshooting in the new Soarian system and increase overall functionality
- Collaborated in a team setting while developing problem solving skills and working with big data

LEADERSHIP EXPERIENCE

UNC Global, Chapel Hill, NC

Peer Advisor

2017-2018

- Chosen to be the representative of Spain study abroad programs and to advise students about the programs that suit them best

Timmy Global Health, Chapel Hill, NC

PR Board Leader

2014-2015

- Updated social media platforms including Twitter, Instagram, and Facebook
- Transitioned website into a more easily operated format with a regularly updated calendar using WordPress

SKILLS

- Fluent in Spanish, currently developing basic knowledge of Greek
- Proficient in R, Stata, MatLab, SAS, GAMS, Octave, Excel, Tableau, Python, PowerPoint, Lotus Notes, Mac OS X, Soarian, and WordPress

PUBLICATIONS

Bogiages, Mackenzie (2017) "Examining the Impact of Education on Diabetes Rates," *Undergraduate Economic Review*: Vol. 14 : Iss. 1 , Article 12. <https://digitalcommons.iwu.edu/uer/vol14/iss1/12>