

Sonora Martinez

1408 Rock Springs Circle, Atlanta, GA 30306 • Sonora.martinez-summers@emory.edu • 706-844-6314

EDUCATION

Emory University, Emory College of Arts and Sciences

Atlanta, GA

Bachelor of Science, Quantitative Sciences, Concentration: Biology

May 2019

University of Melbourne, Faculty of Arts

Melbourne, Australia

Transient Study

February 2018 - July 2018

Cumulative GPA: 3.63/4.0

Coursework: includes Calculus I, Math for Quantitative Sciences (Multivariable Calculus and Linear Algebra), Advanced Probability & Statistics, Regression Analysis, Big/Small Data and Visualization, Advanced Social Network Analysis, Data Science Computing (Python, SQL), Computing for Bioinformatics (Python)

MAJOR EXPERIENCE

CareerBuilder Capstone Project

Atlanta, GA

Data Analyst/Researcher

August 2018 - Present

- Mobilize a research team to create statistical models using Python, statistical processing tools (R), Amazon Web Services, and data visualization tools to process, analyze, and graphically represent data
- Design A/B tests that are practical, clear, manageable, and best evaluate the model
- Lead communications and presentations with CareerBuilder representatives to present findings and ensure the development of a model which adheres to the company's desires

An Analysis of the Effect of Natural Disasters on Environmental Public Opinion, 1992-2012

Atlanta, GA

Data Analyst/ Researcher

August 2017 - December 2017

- Collected data for every national disaster occurring in each U.S. state from the years 1992-2012 from a variety of weather reporting databases
- Created a difference-in-difference statistical model that controlled for variability using R computing software and complex graphical representations of data and findings using Tableau software
- Concluded that negative environmental public opinion increased after the occurrence of a natural disaster

Comparison of Rhetorical Tactics Used by Current U.S. Politicians and Historical Leaders

Atlanta, GA

Data Analyst/ Researcher

August 201 - December 2017

- Employed Natural Language Processing software to compare the campaign speeches of the U.S. presidential candidates in 2016 to the campaign speeches of political leaders from history
- Produced network models comparing the rhetorical devices employed by political candidates, including but not limited to, word repetition, sentence sentiment, and word co-occurrences

OTHER EXPERIENCE

Emory University Center, Building and Event Manager

August 2017 - Present

- Manage events occurring in four buildings across Emory University's campus, addressing and remediating various client concerns
- Oversee building operations, including but not limited to, the Emory University Info Desk, offices throughout the Emory University Center, and maintenance concerns

Emory Dream Project, Vice President

August 2017 - May 2018

- Acted as the liaison between high school administrators and the Emory University Dream Project, participating in bi-weekly meetings to review progress and target future directions
- Developed a comprehensive curriculum for high school students which integrated SAT preparation, tutoring services, college application assistance and peer mentoring programs

Mercy Care Street Medicine Team, Volunteer Intern

January 2017- December 2017

- Facilitated the treatment of homeless populations from my role within a medical team comprised of various medical professionals working in a dynamic and changing environment
- Utilized complex scheduling and medical charting software, EPIC Systems, to coordinate the logistics of patient interaction with the medical team

Emory Camp Kesem, Public Relations Committee Chair

January 2016 - May 2016

- Directed the creation of marketing materials for Emory Camp Kesem
- Coordinated PR releases with local news outlets and radio stations for Camp Kesem's annual fundraising gala

ADDITIONAL INFORMATION

Certifications: CPR Red Cross, Certified Nursing Assistant

Languages: English (fluent), Spanish (advanced, conversational)

Skills: Proficient in Microsoft Office including Word, Excel, and PowerPoint, R (Advanced), Python (Intermediate), SQL (Intermediate), Tableau (Intermediate) Google Cloud Computing (Intermediate), Machine Learning (Intermediate)

Interests: World Travel, Soccer, Hiking, Impressionist Art, Oenophilia