**Sonora Martinez-Summers**

1408 Rock Springs Circle Apt. 4-1301

Atlanta, GA 30306

Cell: 706-844-6314

Email: sonora.martinez-summers@emory.edu

Website: sonoramartinez.site123.me

**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**: 3.675, **Major GPA**: 3.723/4.0

**Coursework:** includes Calculus I, Math for Quantitative Sciences (Multivariable Calculus and Linear Algebra), Probability & Statistics, Advanced Statistics, Regression Analysis, Generalized Linear Model, 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), and data visualization tools to process, analyze, and graphically represent data solutions
* 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

**Employment Status Driven Interactions in a Bank Wiring Room Atlanta, GA**

*Social Network Analyst/ Researcher* August 2018 – December 2018

* Elucidated novel findings by proposing new inquiries regarding the social interaction between employees of different statuses within the bank wiring room experiment conducted by Roethlisberger and Dickson in 1939
* Implemented R software to execute a network level comparison of network structures within pro-social behavior networks and within anti-social behavior networks and to evaluate the influence of employment status on tie formation
* Concluded there were significant structural similarities amongst pro-social networks that diverged from the structural similarities amongst anti-social networks, and that an actor’s job status was inversely related to network interaction

**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 2017 – 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, sentence structure and word co-occurrences
* Concluded that candidates similarly reference opposing groups with negative sentence sentiment and directly address their respective voter bases, as well as discuss similar themes including nationalities and economics

**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 within all four spaces
* 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 – December 2017

* Developed a comprehensive curriculum for high school students which integrated SAT preparation, tutoring services, college application assistance and peer mentoring programs in an effort to close the education inequality gap
* 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

**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 that raised awareness for the organization’s mission of sending children of cancer patients to camp free of charge
* Coordinated PR releases with local news outlets and radio stations for Camp Kesem’s annual fundraising gala

**ADDITIONAL INFORMATION**

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

**Skills:** Proficient in Microsoft Office Suite, Advanced in R, Intermediate in Python, SQL, Tableau, and Google Cloud Computing, Entry Level in Machine Learning

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