Courtney Johnson

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Skills

- SAS
- R
- SQL
- GitHub

- Microsoft Access
- Excel
- Java
- C++

Education

EXPECTED: MAY 2020

M.S. Biostatistics / Columbia University, New York, NY

Current GPA: 3.82
Currently in the 2nd year of the M.S. in Biostatistics, in the Theory and Methods track.

MAY 2018

B.S. Mathematics (Statistics) / Arizona State University, Tempe, AZ

GPA: 4.00, Summa Cum Laude
Dean's List Fall 2014—Spring 2018
Moeur Award Recipient 2018
New American University President's Award Fall 2014—Spring 2018
Barrett, the Honors College
Honors Thesis: Exploring Cultural Differences in BMI Curves Using NHANES

Experience

SEPTEMBER 2019 – CURRENT

Teaching Assistant / Columbia University, New York, NY

Worked as a Teaching Assistant in Data Science I, a course on R using RStudio and GitHub. On average, held 1.5 office hours per week, graded homework assignments, attended team meetings, and coordinated with fellow TAs for the class.

MAY 2019 – AUGUST 2019

Biostatistics Intern / Emmes Corporation, Rockville, MD

Shadowed a Senior Biostatistician in the Vaccine and Infectious Diseases Group. Worked on multiple influenza protocols by creating the ADaM define file, performing quality control for ADaM datasets and TFLs for the clinical study report (CSR), participating in protocol review, authoring a Statistical Analysis Plan (SAP), and creating a Data Safety Monitoring Board/Safety Monitoring Committee (DSMB/SMC) interim report shell. Attended various team and functional group meetings and presented on publications by the company.

JUNE 2018 – AUGUST 2018

Graduate Researcher / Arizona State University, Tempe, AZ

Cleaned/analyzed data about hunter-gatherer populations from 1985 and 1988. Compared behavioral trends across age and sex groups.

JUNE 2017 – AUGUST 2017

Summer Intern / National Institutes of Health, Bethesda, MD

Analyzed data about healthy children volunteer enrollment into clinical trials to determine the most effective recruitment strategies. Implemented existing as well as new recruitment strategies. Coordinated with pediatric offices, community centers, and other NIH staff in the Office of Patient Recruitment and Communications departments. Presented findings in poster symposium.

MARCH 2017 – MAY 2017 & AUGUST 2017 – MARCH 2018

Junior SAS Programmer & Assistant / Western Alliance Bank, Phoenix, AZ

Used SAS, Excel, and SQL to help code simulations on bank performance in different market conditions. Compared modeled data to actual data to validate the accuracy of the models. Attended team project meetings, and reported to VP Senior Risk Modeling Analyst.

AUGUST 2016 – MARCH 2017

Online Subject Tutor / Arizona State University, Tempe, AZ

Tutored ASU students via Adobe Connect in Calculus and Statistics subjects. Utilized different aspects of the online platform according to the students' needs, provided them with resources, support, and confidence while working through problems with them. Communicated and coordinated with desk assistants, other tutors in the center, and supervisor, and covered shifts when possible.

MAY 2016 – JULY 2016

Research Student / Columbia University, New York, NY

Participated in the Columbia Summer Institute for Training in Biostatistics (CSIBS). Enrolled in two courses, Introduction to Biostatistics & Introduction to SAS; earned A. Completed a research project with a fellow student researcher under the supervision of a faculty mentor. Applied knowledge of biostatistical theory and SAS to an ongoing study of mental health in adolescents in the juvenile system. Received college credit.

Activities

Alpha Delta Pi at ASU
FALL 2016 – MAY 2018
Chaplain: January 2017—December 2017
Volunteered at Feed My Starving Children & Ronald McDonald House

Arizona State University Quidditch
FALL 2014 – SPRING 2016
Treasurer: Fall 2015 – Spring 2016