

MATTHEW LEATHERWOOD

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PROFESSIONAL STATEMENT

Self-motivated and driven problem solver with a strong background in data modeling and healthcare research who has extensive experience with real-world case scenarios.

EDUCATION

Doctor of Philosophy in Interdisciplinary Studies, May 2021

The University of Alabama, Tuscaloosa, AL

Concentrations: Biostatistics and Epidemiology

Master of Business Administration, May 2021

The University of Alabama, Tuscaloosa, AL

Concentration: Business Analytics

Master of Education in Exercise Physiology, August 2015

Auburn University at Montgomery, Montgomery, AL

Bachelor of Arts in Political Science, August 2012

Auburn University, Auburn, AL

CASE TEAM

Big Data Healthcare Analytics Case Competition, Spring 2020

University of South Carolina, Columbia, SC

- Placed third out of 19 teams, completing two cases within 36 hours
- Condensed 1.1 million data points to create a diagnostic methodology based on symptoms, being sure to maintain 80% accuracy

Foundations MBA Case Competition in Partnership with FedEx, Fall 2019

Virtual Case Competition

- Crafted an incentive plan for employees, encouraging them stay and ensure disposable income to boost local economy
- Ensured plan was well-within company budget and provided alternatives for the company should it choose to relocate

WORK EXPERIENCE

Graduate Research Assistant, January 2015-Present

The University of Alabama, Tuscaloosa, AL

- Assist faculty research projects and manuscript preparation, manage and analyze datasets
- Instruct in-person and online course, averaging 70+ students

Athletic Department Tutor, August 2015-December 2015

The University of Alabama, Tuscaloosa, AL

- Scheduled and organized weekly study sessions with student athletes in health-related courses
- Provided daily progress reports to student-athlete's academic advisors

Instructor/Graduate Teaching Assistant, August 2014-August 2015

Auburn University at Montgomery, Montgomery, AL

- Designed and assisted with various faculty research projects
- Instructed laboratory activities for departmental courses

RESEARCH

Graduate Research Assistant, March 2018- Present

NIH All of Us Research Program, The University of Alabama, Tuscaloosa, AL

- Recruit and perform data collection (physical measurements and processing blood samples)
- Data management and data upload into HealthPro and EHR (NextGen)

Primary Investigator, January 2018-January 2019

Pickens County Partnership, The University of Alabama, Tuscaloosa, AL

- Sought and secured funding for research project
- Developed physical activity intervention and educated participants on health-related topics

LEADERSHIP AND SERVICE

- Graduate Student Association Delegate –
 - Health and Wellness Subcommittee Chair
- AmSouth MBA Endowed Scholarship
- The University of Alabama National Alumni Association Graduate Fellowship

COMPUTER SKILLS

Proficient in R, SPSS, SAS, JMP, ArcGIS, Tableau, data visualization, research analytics skills