

CADE ABRAMS

Summary

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EXPERIENCE

2022
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Present

Postdoctoral Research Fellow – Data Scientist

University of South Carolina

📍 Columbia, South Carolina

- Conducted advanced statistical analyses and data wrangling in R for academic manuscripts.
- Applied innovative data processing techniques, enhancing sensitivity to developmental changes, resulting in 1 peer-reviewed manuscript (in-review) and an international conference presentation.
- Collaborated with cross-functional teams to conduct statistical analyses, optimize data processing, and efficiently manage data for ongoing research projects.
- Managed project workflows on GitHub, optimizing research processes.

2019
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2022

Doctoral Graduate Assistant

University of South Carolina

📍 Columbia, South Carolina

- Collaborated on data management, cleaning, and predictive modeling for a 4-year project, resulting in 5 publications and 6 international presentations.
- Realized a 42-hour time savings across 8 data collections through automated data processing with custom R scripts.
- Developed custom data indices, facilitating actionable insights for ROTC Cadet training programs.



CREDENTIALS

2021

Advanced R Programming

John Hopkins University (Coursera)

- Credential ID: 6VNSJWVACSB6

2021

Wearable Technologies and Sports Analytics – Python

University of Michigan (Coursera)

- Credential ID: LXLHUJSD8PUV



EDUCATION

2017

Lander University

B.S. in Exercise Science

📍 Greenwood, South Carolina

2019

University of South Carolina

M.A.T. in Physical Education

📍 Columbia, South Carolina

CONTACT INFO

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🌐 github.com/Tcabrams44

in [cade-abrams-phd](https://www.linkedin.com/in/cade-abrams-phd)

For more information, please
contact me via email.

SKILLS

Programming Languages

R · Python

Tools

tidyverse · ggplot2 · RStudio ·
Quarto · R Markdown · NumPy ·
matplotlib · Visual Studio Code ·
Jupyter Notebooks · SPSS ·
Tableau · Microsoft Office Suite ·
Google Suite

2022



University of South Carolina

PhD emphasis in Motor Behavior

📍 Columbia, South Carolina

Subspecialties in: **Statistics** and **Cognitive Neuroscience**