Benjamin Campbell

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Data Science Leader with Ph.D. in quantiative social science, 16 peer reviewed publications, and with 10 years of experience in quantitative research, advanced analytics, machine learning innovation, and statistical software development.

EDUCATION

THE OHIO STATE UNIVERSITY
PhD, Political Science
Aug. 2019 | Columbus, OH
MA Political Science
Dec 2015 | Columbus, OH

S. ILLINOIS UNIVERSITY
BA, Political Science
May 2014 | Carbondale, IL
Summa Cum Laude
Honors Degree

SKILLS

SOFTWARE
Python • R • SQL (Postgres, Server)
Docker • Jenkins
AWS • Tinkerpop/Gremlin

HARD
Research Design
Generative AI
Natural Language Processing
Network Analysis
Unsupervised Clustering
Algorithm Development
Time Series Analysis
Forecasting and Predictive Modeling
Survival Analysis
AB Testing
Bayesian Estimation
Maximum Likelihood Estimation
Probability Theory

SOFT
Product Management
National Champion Communicator
Collaborative
Critical Thinking
Emotional Intelligence

EXPERIENCE

AWARE | Manager, Data Science
November 2022 – Current | Columbus, OH
| Data Science Team Lead
February 2022 – November 2022
| Senior Data Scientist
July 2021 – February 2022

- Lead Data Science Team at an ML-oriented startup, serving as an engineering manager and tech lead for 6 direct reports supporting 16 production models while continuing as an individual contributor.
- Lead scaling of organization by 200%, from 5 to 15, through recruiting talent, establishing interviewing processes, and creating and executing onboarding plans.
- Delivered 2 generative AI features, including an asynchronous summarization system and a retrieval augmented generation system.
- Increased release velocity by 300% YOY, establishing a steady release cadence.
- Collaborated with Product to revamp modeling roadmap and ensure new releases fulfilled requirements.
- Served as a point person on team for technical and business-oriented questions.
- Oversaw prioritization of work for Data Science team and oversaw all ceremonies.

THE OHIO STATE UNIVERSITY | Visiting Fellow
August 2019 – Current | Columbus, OH

- Collaborated on multiple research teams on projects related to network learning model application and development.
- Mentored graduate and undergraduate students on their academic work and career opportunities outside of academia, serving as a member of the American Political Science Association's Careers Diversity Committee with invited participation in 3 conferences.
- Produced 8 peer-reviewed publications appearing in academic journals.
- Taught course on linear algebra and calculus to incoming PhD students.

COVERMYMEDS | Data Scientist
June 2019 – July 2021 | Columbus, OH

- Owned, discovered, and developed data science products developed in Python and SQL used by multiple business units for strategic priorities.
- Coordinated across verticals to integrate explainable machine learning strategies such as Iterated Random Forests.
- Conducted regular training workshop on R and data science concepts attended by more than 20 coworkers.
- Established internship program, including hiring and onboarding processes, and directly managed two Summer interns.

Additional experience, projects, and references available upon request.