Cameron Bennett Joyce

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WORK HISTORY

Staff ML Engineer, Senior Consultant, Booz Allen Hamilton, Reston, Virginia   *June 2022 - Present*
- Build and deploy Natural Language Processing (NLP) deep learning models and LLMs to support mission outcomes.
- Member of the client's "AI Tiger Team," the internal AI consulting team where I provide input to a variety of programs.

Consultant, Guidehouse, Washington, D.C.   *Summer 2021*
- Consultant on several ongoing projects in the Department of Defense.
- Developed strategies for incorporating effective data practices for energy efforts within the U.S. Army.

Economics Research Assistant, Wofford College, Spartanburg, SC   *March 2019 - October 2020*
- Produced econometric causal inference analyses and presented research findings in a research symposium.

Data Science Intern, Naval Information Warfare Center (DOD), Charleston, SC   *Summer 2020*
- Researched and developed information warfare solutions in support of the United States Navy with the ML teams.

Software Developer, Wofford College, Spartanburg, SC   *February 2019 - February 2020*
- Programmed the website, the servers, the database, and online forms for Wofford College.

Data Analyst Intern, West Oil Company, Hartsville, SC   *Summer 2019*
- Basic financial analysis in R and Excel to identify trends in consumer data and product pricing.

EDUCATION

The University of Texas at Austin, 2515 Speedway, Austin, TX 78712   January 2024 - Present
Master of Science: Artificial Intelligence (*Starts January 2024*)

Wofford College, 429 N Church Street, Spartanburg, SC   August 2018 - May 2022
Bachelor of Science: **Computer Science**   GPA: 3.95/4.0
Bachelor of Arts (High Honors): **Economics**
Minor: **Mathematics** | *Concentration:* **Data Science**
Honors: *Summa Cum Laude*, Boyd C. Hipp II, Charles Daniel Finalist, Presidential, and National AP Scholar

RESEARCH PAPERS

Principal-Agent Problems in Public Policy Implementation: An Analysis of Regulatory Compliance (2023)
Hayekian Analysis of Distributed Ledger Technology: Information Asymmetry Solutions (2022)
The Effect of Legalization of Same-Sex Marriage on Same-Sex Homeownership Rates (2019)

INVITED TALKS

"From Numbers to Narratives in the IC." ODNI Science and Technology Week. September 2023, MITRE Corp.

ACTIVITIES

Member**, National Stuttering Association** Young Adult Committee   August 2022 – Present
- Responsible for creating national programming for career-oriented advice for young adults.

Mentor, **Youth Stutterers**   April 2019 – August 2022
Economics and Computer Science **Tutor/Summer Camp Educator**   October 2017 – May 2022

SKILLS

Programming Languages: Python (PyTorch, JAX, nltk, gensim, sklearn, and pandas), SQL, R
Certifications: CompTIA Security+, DoD 8570 IAT II, NVIDIA Building Transformer-based NLP Applications
NLP: Named Entity Recognition, Relation Extraction, LLMs, Textual Anomaly Detection, Ontology Engineering, Distributional Semantics, Automated Symbolic Reasoning