Sonny George

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EDUCATION

Brandeis University	Waltham, MA
Master of Science, Computational Linguistics	*Expected May 2025*
Brigham Young University	Provo, UT
Bachelor of Science, Statistics: Data Science, Minor in Business Management	*May 2023*

PUBLICATIONS

Sonny George, Chris Sypherd, and Dylan Cashman. 2024. **Probing the Capacity of Language Model Agents to Operationalize Disparate Experiential Context Despite Distraction**. In *Findings of the Association for Computational Linguistics: EMNLP 2024*, pages 15447–15459, Miami, Florida, USA. Association for Computational Linguistics.

- Conceived and composed a novel corpus of reasoning tests for language agents
- Hired and managed a team of freelance annotators to validate the corpus
- Ran and reported the results of over 15,000 tests with SOTA LLMs

EXPERIENCE

Computer Science Department – Brandeis University	Boston, MA
Senior-Level Student Developer	*Sep 2023 – Current*

- Assumed sole management of an in-production full-stack web app (Flask, Jinja2, JavaScript, PostgreSQL)
- Advised junior-level developers in NLP research projects (topic modeling, semantic analysis, etc.)

BeatBread	St. George, UT
Data Scientist & Data Engineer	*May 2022 – April 2023*

- Deployed machine learning models using Python, FastAPI, and AWS microservices (ECS, Load Balancer)
- Engineered and deployed Airflow pipelines on AWS ECS to perform ETL tasks for business-critical data
- Built Tableau dashboards for managerial use on top of these pipelines

Digital Humanities Department – Brigham Young University	Provo, UT
Technical Research Assistant	*Dec 2021 – May 2022*

- Scraped and organized historical congress proceedings into a MySQL database
- Applied various NLP methods to extract insights

SKILLS

I have significant experience and am comfortable writing production-quality code using:

Python, Pytorch, FastAPI, SQLAlchemy, Scikit-learn, Pandas, & many other data science libraries

I have familiarity with and am comfortable making contributions using:

Docker, AWS, Javascript, HTML/CSS, C++, Airflow, CI/CD technologies, ROS, Rospy, RPi/Arduino

OTHER

Eagle Scout, Boy Scouts of America
Spent two years in Brazil participating in a number of volunteer-work projects before undergrad
Business proficiency in Portuguese and conversational proficiency in French and Spanish