

Sonny George

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EDUCATION

Brandeis University

Master of Science, Computational Linguistics

Waltham, MA

Expected May 2025

Brigham Young University

Bachelor of Science, Statistics: Data Science, Minor in Business Management

Provo, UT

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

Senior-Level Student Developer

Boston, MA

Sep 2023 – Dec 2024

- 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

Data Scientist & Data Engineer

St. George, UT

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

Technical Research Assistant

Provo, UT

Dec 2021 – May 2022

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

Comfort Systems USA, Inc. (NYSE:FIX)

Data Consulting Intern

Houston, TX

Jun 2021 – Aug 2021

- Consulted on data management processes for integrating third-party vendor data into BI workflows

Turbine Air Systems, Inc.

Data Processes Intern

Houston, TX

May 2020 – Sep 2020

- Worked with accounting and engineering to streamline data management processes
- Automated various workflows with Excel VBA, saving tens of hours per week in manual processing tasks

Environmental Air Systems, Inc.

Project Management Intern

Houston, TX

Jun 2019 – Aug 2019

- Trained and worked as an intern in project management for Google data center module construction

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

LANGUAGES

Portuguese: business proficiency

Spanish: conversational proficiency

French: conversational proficiency

OTHER

Spent two years in Brazil participating in a number of volunteer-work projects before undergrad

Eagle Scout, Boy Scouts of America