Jackson Jay Searle

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Publications

CHI 2023 – *Top Tier Conference with 28% acceptance rate*

> I represented BYU by presenting my research in Germany: *Personalized Quest and Dialogue Generation in Role-Playing Games: A Knowledge Graph- and Language Model-based Approach.* (link)

Projects

Factually grounded Language Model Simulation (link)
Adversarial Autoencoder with Latent Space Visualization (link)
Fine-tuned Language Model that speaks like Aristotle (link)
Easy Tutorial for fine-tuning Language Models (link)

Experience

April 2022 - Current

DRAGN Labs, BYU – *Research Assistant*

> Implemented advanced Language Model based storytelling systems in novel ways. Team Lead of two successful research teams. (dragn.ai)

September 2023 - Current

CS 301R, BYU – *Teaching Assistant*

> Lectured for a 300 level Machine Learning class. Taught remote access, Slurm, and Pytorch skills.

Skills

Pytorch, Python, C++, C, Java, Neo4j, Natural Language Processing, Slurm
Fluent in Malagasy, served two year mission in Madagascar
Eagle Scout

Education

August 2020 - Current
Brigham Young University, Utah – *Anticipated Graduation of April 26th 2024*

Recipient of BYU's academic scholarship. Senior studying Computer Science.