# ANISH THITE

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## EDUCATION

**Georgia Institute of Technology, Atlanta GA** *Expected May 2022*
M.S. in Computer Science (Intelligence and Devices threads) B.S. May 2021
Overall GPA (B.S.): 3.78/4.00 Major GPA: 4.00/4.00

## SKILLS

| | |
|---|---|
| **Languages** | Python, Java, Rust, C, Scala, Bash, JS, |
| **Tools/OS** | Git, AWS, GCP, Firebase, Docker, Linux, Windows, SQL, Slurm, CUDA |
| **Frameworks** | Flask, Django, React, PyTorch, TensorFlow, Numpy, Pandas |

## EXPERIENCE

**Amazon AWS Migrations Hub Team** May 2021 - July 2021
*Software Design Intern* *Boston, MA*

· Working on a data generation service for testing AWS Migration Hub recommendations

**Georgia Tech Research Institute** January 2019 - Present
*Graduate Research Assistant* *Atlanta, GA*

· Creating General Adversarial Networks for waveform generation and simulation
· **Using genetic programming to evolve machine learning models** with the GTRI Evolutionary Auto-ML Framework
· Expanding the library to perform neural network architecture search (using **Python, MySQL, Scikit-learn, Keras, Tensorflow**)
· **Out-performed Google Auto-ML** on the Wikidetox toxic comment classification dataset
· Student Workshop Paper "Concurrent Neural Tree and Data Preprocessing AutoML for Image Classification" accepted at GECCO 2021

**The Agency (AI/ML Club)** January 2020 - May 2021
*External Relations Officer (President)* *Atlanta, GA*

· Sys admin for club server, lecture on NLP topics, coordinate guest lecturers, and advise project groups

**EleutherAI** July 2020 - Present
*Researcher/Software Engineer* *Atlanta, GA*

· Contributed to **replicate and open-source GPT-3 weights**, wrote open-source codebase for language model evaluation
· Working on **HTML + PDF text extraction** and filtering to make The Pile, one of the world's largest test datasets
· Efficiently scraped, filtered, and parsed entire Hacker News for language model training
· https://arxiv.org/abs/2101.00027
· https://github.com/EleutherAI/lm_evaluation_harness

**NLP and Computational Social Science Lab:** November 2019 - Present
*Student Researcher* *Atlanta, GA*

· Working under Dr. Diyi Yang on keyword-based **neural humor generation** and classification using **transformers**
· Further study includes analyzing effects of humor on mental leath and the COVID pandemic.

**High-Performance Architecture Lab** August 2019 - December 2019
*Student Researcher* *Atlanta, GA*

· Researched in performing deep learning tasks on edge
· Incorporated speech recognition and conversation models (**cosine-similarity response matching**) on **Raspberry Pis**