ANISH THITE

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Objective: Seeking Spring 2020 or Summer 2020 positions. Interested in Machine Learning

EDUCATION

Georgia Institute of Technology, Atlanta GA *Expected May 2021*
B.S. in Computer Science (Intelligence and Devices threads)
Communications Officer of The Agency (AI/ML club), teach NLP topics to undergraduates
10-Week Berlin Study Abroad Program
Overall GPA: 3.64/4.00

SKILLS

Languages	Python, Java, C, C++, Scala, Bash, Javascript, HTML, CSS
Tools/OS	Git, AWS, GCP, Firebase, Docker, Linux, Windows
Frameworks	Flask, Django, PyTorch, TensorFlow, Numpy, Pandas

EXPERIENCE

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

· Researching in enabling IoT devices and robots to perform deep learning tasks on edge
· Incorporating speech recognition and conversation models on Raspberry Pis

Automated Algorithm Design Vertically Integrated Project: January 2019 - Present
Student Researcher *Atlanta, GA*

· Working under Dr. Greg Rohling and Dr. Jason Zutty to use genetic algorithms to optimize algorithms and outperform existing methods. Currently involved in evolving neural network topology and weights.

Subway Franchise World HQ: June 2017 - August 2017
Technology Department Intern *Milford, CT*

· Wrote web interface to control POS-testing robots through a small touchscreen device
· Automated setup scripts for the robot's Raspberry Pi Apache servers. (Python and Bash)

PROJECTS

Marc: A Transformer-based Autonomous Highlighting Web App: July 2019 - Present

· Created a transformer-based (BERT) Deep Learning model to perform extractive summarization and automatically highlight the important elements of a given document
· Built a REST API and ReactJS frontend to interact with model, deployed to AWS

ATHENA (A Talkative Hip Extremely Nit-picky Assistant): April 2019 - Present

· Fine-tuned a transformer-based language model (GPT-2) on conversations in order to create a conversational agent, with the intention of eventually improving it to be a personal assistant
· Currently working on improving response time and coherence in multiple-utterance conversations

FinPal: Automatic Risk Assessment and Portfolio Allocation: June 2017 - November 2017

· Developed chatbot using DialogFlow that infers client's risk and accordingly allocates portfolio. Also performs automatic portfolio re-balancing based on market volatility