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)
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

Embedded Systems and Machine Learning   August 2019 - Present
Student Researcher   *Atlanta, GA*

· Researching in enabling IoT devices and robots to perform deep learning tasks on edge
· Incorporating speech-to-text 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.

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

Sign Language Classifier: March 2019

· Created a convolutional neural network (CNN) to classify sign language symbols as letters of the alphabet during the Hacklytics hackathon

Football Gametime Analytics Program: June 2017 - November 2017

· Developed Python GUI program for Notre Dame HS coaches that recommends which plays to run