SANJEEV PENUPALA

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WORK EXPERIENCE

Undergraduate Student Researcher
NSF REU at the University of North Texas

📅 May 2020 - August 2020

- Developed an annotation guideline to label sentences, using Doccano, from the Caselaw Access Project and built a labeled legal argument dataset out of it
- Engineered a 3-layered classification pipeline to effectively classify argumentation from legal corpora and handle any noisy or imbalanced data
- Boosted 7 classifiers' accuracies up to 80% by using legal word embeddings
- Tools - Python, Matplotlib, pandas, scikit-learn, Doccano

PROJECTS

HashPost
Social Media App

📅 September 2019 - November 2019

- A mobile app that generates hashtags, captions, and mood boards for social media posts using machine learning (Supported By ACM Projects)
- Utilized Google Storage and Flask Uploads to upload user images to the cloud
- Trained a TF model to pair confident image hashtags with the Hashtagify API
- Tools - Python, Flask, Flutter, TensorFlow, Firebase, Hashtagify API

DormDash
Food Delivery Service

📅 February 2019

- A food delivery service tailored specifically for restaurants, and food courts located on college campuses (Developed At HackUTD Spring 2019)
- Designed a website using HTML & CSS to present in front of 500+ developers
- Tools - Java, HTML, CSS, Google Maps API, Android Studio

ORGANIZATIONS

Director of Operations & Industry
Artificial Intelligence Society

📅 May 2020 - Present

- Trained and supervised the Operations and Industry teams
- Partnered with other CS organizations to co-host events and share resources
- Monitored budget and administrative logistics pertaining to AIS events
- Acquired industry connections and fiscal sponsorships for HackAI

Projects Mentor
Association For Computing Machinery - Projects

📅 December 2019 - Present

- Led a team of 4 students in a 10-week software engineering project
- Employed Scrum/Agile methodologies and provided guidance/resources to succeed in their end-of-semester presentation, in front of 5 judges
- Hosted a workshop on REST APIs and provided a demo using UrbanScraper

EDUCATION

B.S. in Computer Science
University of Texas At Dallas

📅 Expected in May 2022

- **GPA**: 3.95/4.00
- Recipient of Academic Excellence Scholarship
- Engineering Dean's List Fall 2018, Spring 2019 (Top 10%)

SKILLS

Languages

Bash · C++ · Java · Javascript · MATLAB · Python

Frameworks

Flask · Matplotlib · pandas · TensorFlow · scikit-learn

Cloud Technologies

Firebase

Tools

Git

ACCOMPLISHMENTS

- *HackUTD* **Winner** - Second Place (Spring 2019)
- *T-Mobile Hackathon*: **Top 10** Finalists (Fall 2018)
- **ACM Projects** 1st Place: Best Project
- Taekwondo **Gold Medalist** For Sparring And Board Breaking (3 Years In A Row)
- Singer: **Division 1** Soloist for Texas UIL State

COURSEWORK

C/C++ Programming in a UNIX Environment · Data Structures and Algorithms · Discrete Mathematics · Linear Algebra · Probability and Statistics in CS · Software Engineering