

Sanjeev Penupala

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EDUCATION

B.S. in Computer Science

The University of Texas at Dallas

Expected May 2022

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

SKILLS

Languages

Python Java Bash/Shell C++

C JavaScript MATLAB

Frameworks

pandas scikit-learn Flask

Matplotlib

Technologies

Git UNIX REST APIs Firebase

ACCOMPLISHMENTS

- ACM Projects 2019: **1st Place**
- HackUTD Hackathon 2019: **2nd Place**
- T-Mobile Hackathon 2018: **Top 10 Finalist**

COURSEWORK

C/C++ Programming in a UNIX Environment

Computer Architecture

Data Structures and Advanced Algorithms

Discrete Mathematics

Introduction to Machine Learning

Linear Algebra

Probability and Statistics in CS

Software Engineering

WORK EXPERIENCE

Undergraduate Student Researcher

NSF REU at the University of North Texas

May 2020 - August 2020

- Tools - Python, Matplotlib, pandas, scikit-learn, Doccano
- Engineered a 3-layered classification pipeline, boosting the accuracy of 7 classifiers from 80% to 95% for identifying argumentation in legal corpora
- Oversaw dataset quality control by remodeling annotation guidelines, increasing annotator agreement by over 40%
- Optimized data cleaning scripts by using Matplotlib to identify over 700 conflict labels and remove for re-labeling

PROJECTS

HashPost

Social Media App

- Tools - Python, Flask, Flutter, Firebase, Imagga API, Hashtagify API
- Mobile app that generates hashtags and captions for social media posts
- Developed algorithm for generating unique URLs for images uploaded by users
- Created tagging system that identifies objects in images and generates trendy hashtags

DormDash

Food Delivery Service

- Tools - Java, HTML, CSS, Google Maps API
- Food delivery service tailored for restaurants located on college campuses
- Designed UI of the website presented in front of 500+ judges & developers

ORGANIZATIONS

Director of Operations & Industry

Artificial Intelligence Society

May 2020 - Present

- Training and supervising the Operations and Industry teams
- Collaborating with other CS organizations to lead & host industry events
- Managing administrative logistics for all virtual student events
- Connecting with industry professionals to find sponsors for HackAI hackathon

Project Manager

Association for Computing Machinery - Projects

December 2019 - Present

- Leading small team of students to plan and develop a custom software product
- Teaching Agile methodologies to improve efficiency and promote collaboration
- Coaching team with industry insights for pitching their product to investors
- Hosted and organized a workshop on regex and REST APIs