

# SANJEEV PENUPALA

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## PROJECTS

### HashPost

#### Social Media Application

Sept 2019 - Nov 2019

- Tools - Python, Flask, Flutter, TensorFlow, Firebase, COCO
- A mobile app that generates hashtags, captions, and mood boards for social media posts using machine learning (Supported By ACM Projects)
- Used Google Storage and Flask Uploads to securely upload user images to the cloud, for future display
- Trained a TensorFlow model with the COCO Dataset and paired the highest confident descriptions with a trendy hashtags API

### DormDash

#### Food Delivery Service

Feb 2019

- Tools - Android Studio, Java, HTML, CSS, Google Maps API
- A food delivery service tailored specifically for restaurants, and food courts located on college campuses (Developed At HackUTD Spring 2019)
- Designed and implemented a web interface using modern web technologies and presented an eye-appealing application in front of 500+ developers

### WordBlur

#### Censoring Application

Dec 2018 - Present

- Tools - C++, Python, TensorFlow
- A word censoring application that has two phases to be developed: censoring for text and censoring for images and video
- Developed an effective algorithm to parse through words in text using binary trees to store a dictionary of "swear" words and utilized multi-threading
- Implemented the use of a NLP API and image processing using TensorFlow

## WORK EXPERIENCE

### Taekwondo Instructor

#### Taekwondo America

June 2016 - July 2018

Irving, TX

- Implemented various techniques observed from other instructors, on sparring and board breaking techniques, to classes of 30-60 students
- Performed various administrative functions, including filing paperwork, book-keeping, registration, and answering questions or issues
- Worked with the A-Team (a team comprising of novice to advanced level instructors) to devise and implement learning plans to help all students excel
- Lead Instructor for workshops on board breaking, as well as most frequently asked instructor for 1-on-1 sessions from parents and students

## SUMMARY

Actively looking for **Summer 2020** internships. I am passionate in always **learning** the newest and hottest technologies in the industry, especially **ML** and **AI**. Proficient in **Java** and **C++**.

## SKILLS

Java C++ Python Javascript  
Assembly Git Github

## EDUCATION

### B.S. in Computer Sciences

#### University of Texas At Dallas

Expected in 05/2022

- GPA:** 3.94
- Organizations:** Association for Computing Machinery, Artificial Intelligence Society
- Recipient of Academic Excellence Scholarship
- Dean's List Fall 2018 and Spring 2019

## ACCOMPLISHMENTS

- Hackathons**
  - 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: Teen Division (2015, 2016, 2017)
- Singer: **Division 1** Soloist for Texas UIL State

## COURSEWORK

Data Structures and Algorithms  
Probability and Statistics in CS  
Computer Architecture  
Computer Science II  
Discrete Mathematics Linear Algebra