# SANJEEV PENUPALA

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## PROJECTS

### HashPost
**Social Media Application**

📅 Sept 2019 - Present

- Tools - Flutter, Python, Tensorflow, Firebase, Google Vision API
- A mobile app that generates hashtags, captions, and mood boards for social media posts using machine learning (Supported By ACM Projects)
- Implementing a ML algorithm that takes raw adjectives from Google Vision and spits out trendy captions with data manipulation using Tensorflow

### 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
- A word censoring application that requires two phases to be developed: censoring for text and censoring for audio/images
- Developed an effective algorithm to search words in text using binary trees to store a dictionary of swear words and utilized multi-threading
- Implementing the use of natural language processing and image processing using ML tools incorporated in Python

## 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, bookkeeping, 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 enthralled in always **learning** the newest and hottest technologies in the industry, especially **ML** and **AI**. Proficient in **Java** and **C++**.

## SKILLS

Java   C++   Python   HTML
Javascript   CSS   MIPS   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)
- Taekwondo **Gold Medalist** For Sparring And Board Breaking: Teen Division (2015, 2016, 2017)
- AP National Scholar
- Singer: **Division 1** Soloist for Texas UIL State

## COURSEWORK

Computer Architecture

Discrete Mathematics

Data Structures and Algorithms

Probability and Statistics in CS