# PUNEETH GOPI

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## EDUCATION

**UNIVERSITY OF TEXAS AT ARINGTON**                                        May 2020

Master of Science in Computer Science **(GPA 3.67/4.0)**

- Relevant courses: Data Mining, Data Analysis and modeling technique, Database Systems, Artificial Intelligence, Software Engineering, Advanced Topics in Database System

**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT (DSATM)**        June 2017

Bachelors of Engineering in Electronics and Communication

## SKILLS

- **Technologies:** Python, java, C++, Matlab, Javascript, SQL, NoSQL, MongoDB, SK-Learn, Pandas, Tensorflow, Git, AWS
- **Data & Modeling:** Data Analysis, Visualization, Regression Modeling, Machine Learning

## PROJECTS

**Parking Database Management(SQL)**

- Created a database for vehicle parking system using oracle.
- Created a GUI to access the database and run quarries conveniently.

**TV_Script Generator(Recurrent neural network, Tensorflow, AWS, Docker)**

- Built a multi-layered LSTM for autogenerating text. Trained on simpson's script data which consisted 11,000 unique words.

**Classifying images with Convolution Neural Network(CNN)**

- Used CIF AR-10 datasets to classify images. The datasets consists of cats, dogs, airplanes, kites and other objects.

**Chatbot(Bidirectional Recurrent Neural Network, Tensorflow)**

- Built a sequence to sequence NMT model, trained on Reddit's comment datasets which had over 5 million paired comments.

## PUBLICATION

- Published a paper on 'Headlight low-beam and high-beam Control using Raspberry Pi' in the International Journal of Science and Research (IJSR), in Vol 6, issue 10, October 2017,  ISSN (Online) 2319-7064, October 2017.

- Published a paper on 'ANPR camera based smart parking management system' in the International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE), in Vol 4, Issue 10, October 2017, ISSN (Online) 2394-6849, October 2017.