

Nachiket Deolankar

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EDUCATION

The University of Texas at Dallas, Texas, USA
Master of Science in Computer Engineering

Aug 2021 – May 2023

Vellore Institute of Technology, Chennai, India
Masters of Computer Applications (**GPA: 8.84/10**)

July 2018 - May 2020

Maharashi Dayanand College of Science, Mumbai, India
Bachelors of Science in Computer Science (**GPA: 6/10**)

June 2015 - May 2018

SKILLS

Core Competencies: Data Visualization, Data Science, Machine Learning, Deep Learning, Reinforcement Learning, MLOps.

Programming Languages: Python, R, SQL, Java, C++

Machine Learning: Regression, Classification, Clustering, Time Series, CNN, RNN, LSTM, GAN.

ML Packages: Keras, Tensorflow2.0, Pytorch.

Cloud Infrastructure: Amazon Web Services (AWS), Google Cloud Platform (GCP).

CERTIFICATION

Reinforcement Learning Specialization, Deep Learning Specialization, Stanford University Machine Learning, AWS Fundamentals Specialization, Self-Driving Car Specialization, Design-Led Strategy: Design thinking for business strategy and entrepreneurship.

EXPERIENCE

AI Research Intern | MakersLab at TechMahindra | Pune, India

August 2019 – May 2020

- Research based project in developing Level 3 autonomous vehicle for Indian Roads
- Language Translation using Sanskrit for local Indian Languages

ACADEMIC PROJECTS

Personal Finance Management System

July 2021 – On Going

- One stop solution for all personal finance.
- Gathering real-time stock market and cryptocurrency data and saving in DB.
- Using time-series analysis for real-time prediction of stock prices.

Speech Generation using GANs

November 2021 – On Going

- Research based project in building a new system which is capable on generation speech in various different attributes.
- The proposed system will be able to talk in voice of male or female with various age ranges and various different accents like British, American, India, etc.

Level 3 Autonomous Vehicle for Indian Roads

August 2019 – March 2020

- Solved challenges like driving on lane less roads
- Pedestrian Intention Estimation (PIE) for pedestrian behavior prediction

Language Translation using Sanskrit for Indian Language

August 2019- May 2020

- Built language translation models for Indian Languages with Sanskrit

EXTRACURRICULAR

Artificial Intelligence Mentorship (AIM) Program

Feb 2022 – On Going

Responsible for guiding group of 7 mentees through various stages of product development i.e., Data Engineering, Model Building and Deployment in cloud infrastructure (AWS) through a span of 12 weeks.

CometX Accelerator Program

Sept – Nov 2021

CometX is an eight-week, experiential accelerator program that pulls student entrepreneurs into an environment that incubates ideas and engages prospective customers in preparation for the launch of a new business concept.