# JAYASHREE BEHERA

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## EDUCATION AND WORK EXPERIENCE

### Graduate Student (PhD in Physics)

**Kansas State University**
**CGPA: 4.0/4.0**

📅 August 2017 – Ongoing          📍 Manhattan, Kansas

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### Integrated BS-MS (Physics major)

**NIT Rourkela**
**CGPA : 3.9/4.0**

📅 August 2011 – August 2016          📍 Orissa, India

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### Machine Learning Engineer Intern

**dialoggBox**

📅 August 2020-October 2020          📍 San francisco,CA,USA

- Responsibilities:
  - Develop and enhance the ML models for the company.
  - Develop integrations and add-ons for Zoom marketplace, Google suite, Microsoft teams, AI NLP integration, Payment integration, etc.
  - Coordinate,and assist in organizing conferences,demos and mentor junior interns.
- Models:
  - Word error prediction and suggestions on highly probable substitutions for those words.
  - Summarization: Topic modelling, Finding and Generating Q&A pairs
- Platforms used: AWS,Google Colab

## PROJECTS

### US Car Price Prediction App

📅 July 2020 – August 2020

- An app that predicts the car price given mileage, years of use, total number of owners so far, present buying price, mode of sale (Individual or Dealer), and transmission.

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### Spam Detection

📅 May 2020-June 2020

- A model that identifies spam messages and/or emails.

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### Sentimental Analysis

📅 March 2020-April 2020

- A model that predicts the sentiment of a speaker from his speech.

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### Machine Learning in Health Care

📅 October 2019 – Ongoing

- Utilizing the MIMIC III database to experiment and develop a new method of clinical prediction and benchmarking them against other existing ones.

## LANGUAGES

English    Hindi    Oriya

## CERTIFICATES

### Deep Learning Specialization

**Coursera**

📅 June 2019 – No Expiration Date

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### Python for Data Science and Machine Learning Bootcamp

**Udemy**

📅 July 2019 – No Expiration Date

## SKILLS

- Technical

Python   Keras   Tensorflow
Microsoft Azure   PyTorch   C

- Professional

Learning Potential   Problem Solving
Hard Working   Team Work
Time Management

## AWARDS

- Recipient of Microsoft Scholarship Foundation Course,Machine Learning, awarded by Udacity.
- Branch topper of Dept. of Physics and Astronomy in 2011-16 MS-BS batch of NIT-Rourkela,India.

## ACTIVITIES

- **Educator at Numerade**: role involves teaching comprehensive solution to Physics problems and concepts since April 2019.
- **Member of "AASRA-because they need us"**: An NGO by NITR students for the upliftment of poor and neglected sections of society.
- Core member of the groups **Nanosatellite** and **Scanning Electron Microscope** at NITR from 2013-2014.