

# NITEESHA THOTTEMPUDI

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## EDUCATION

### New York University

*Master of Science in Computer Science*

Brooklyn, NY

May 2023

### Koneru Lakshmaiah University

*Bachelor of Science in Computer Science*

Andhra Pradesh, India

April 2021

## WORK EXPERIENCE

### Koneru Lakshmaiah University

*Research Assistant*

Andhra Pradesh, India

Jan 2019 – April 2020

- Designed a wrist band device using IoT which helps in tracking the health status of a patient who need a caretaker all the time. This wrist band is connected to the care taker's mobile phone which gives time to time health status so that patient can be monitored all the time.
- Device tracks status based on sensors to detect the BP, Heart Rate, sugar levels and used a database to store the information.
- Collaborated with Professor and three other students, acted as a team player to complete the research to publish in a journal.

### Koneru Lakshmaiah University

*Student Peer Mentor*

Andhra Pradesh, India

Jan 2019 – April 2020

- Worked as Teaching and Lab Assistant for course of Distributed Computing, Natural Language Processing and Machine Learning.
- Collaborated with Professors and team of students to design and create content for respective courses.
- Tutored and Guided Peers of 250 and more students in learning concepts to complete their assignments and projects.

## PUBLICATIONS & ACADEMIC PROJECTS

### Career Connect, NYU

November 2021

- Implemented a server-less, micro service-driven web application using AWS to connect people with experts and people with similar skills and interests without the hassle of searching for them ourselves alongside tracking their job application status.
- Used HTML, CSS, JavaScript, Python, AWS services.

### Analysis on Airline Delays, NYU

December 2021

- Modelled and Performed various data science models and techniques to predict and compare the flight delay causes.

### Catholic Health Band, KLU

**BBRC journal**

ISSN:0974-6455, <https://turkijphysiotherrehabil.org/pub/pdf/322/32-2-5.pdf>

Jan 2019 - Sept 2019

- Assisted in the developing a more functional and advanced prototype that will allow to track patient health status that can be monitored by care taker or family members
- Used Accelerometer, Body Temperature Sensor, Cuff-less Blood Pressure Sensor, ESP8266 Wi-Fi Module, Analog to Digital Converter channels, Node Micro Controller Unit, Pulse Sensor, ThingSpeak Cloud

### Opinion Mining Using Social Media, KLU

**BBRC journal**

ISSN:0974-6455, <https://turkijphysiotherrehabil.org/pub/pdf/322/32-2-4.pdf>

Oct 2019 - April 2020

- Designed a Telegram Bot which interacts with the users's input to generate the review on any product or movie or celebrity or personality or disease and many more.
- Used BotFather, Natural Language Processing, Python Telegram Bot, Sentimental Analysis, TextBlob, Tweepy

## SKILLS & CERTIFICATIONS

- **Global Certifications:** ServiceNow Certified System Administrator, Automation Anywhere Certified Advanced RPA Developer, UiPath RPA Developer Advanced
- **Technical Skills:** C, Java, Cpp, Python, SQL, MongoDB, ML, Hadoop, HTML, JS, CSS, Machine Learning, NLP, AI
- **Tools & Platforms:** GCP, AWS, ServiceNow, RPA, Wireshark, Google Colab
- **Professional Associations:** Student Member of ACM & SDIWC

## LEADERSHIP ACTIVITIES

- **FOCUS Management Head:** FOCUS (CS Student Body), KLU
- **Student Coordinator:** Samyak (National Level Technical Festival), KLU