


# Diluxshana Rasenthiran


Computer Engineering  
Undergraduate



## Personal details

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## Languages

English Professional Proficiency  
Tamil Bilingual Proficiency  
Sinhala Limited Proficiency

## References

**Dr. Anantharajah Kaneswaran**  
**Senior Lecturer**  
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**Dr. Pratheeba Jeyananthan**  
**Senior Lecturer**  
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## Profile

An Engineering undergraduate in computer engineering field, seeking an opportunity to improve my skills and experience with machine engineering related problems in challenging environment. Excellent analytical and problem-solving skills, coupled with effective communication and a collaborative approach to drive innovation in machine learning applications.

## Projects

- Named Entity Recognition using deep learning:  
Final year Research Project Versatile NER model is able to handle various four domains in English language. **Used tools: TensorFlow, Keras, NLTK**
- Resume Analyzer: In this information are parses from a resume using natural language processing and finds the keywords, cluster them onto sectors based on their keywords. **Used technologies : python, MySQL, jupyter notebook(Ongoing)**
- Loan eligibility prediction: Developed an automated loan eligibility system for Dream Housing Finance to enhanced the real-time loan approval process. **Used libraries: pandas, numpy, matplotlib, seaborn, LabelEncoder, StandardScaler**
- Food demand forecasting: I build a regression models to predict the number of orders for different meals, centers and weeks. **Used libraries: matplotlib, seaborn, RandomForestRegressor**

## Education

**BSc.Computer Engineering University of Jaffna**

**2019 – 2024**

**Current GPA – 3.3**

Kn /Theresa's Girl's college

G.C.E Advanced level (2018)

Combined mathematics A| Physics B| Chemistry B

G.C.E Ordinary level (2015) 8A B

## Skills

- Programming Skills: Proficient in Python, java, JavaScript
- Framework and Libraries: TensorFlow, NLTK, or scikit-learn, Keras
- Mathematics and Statistics: Linear algebra, Calculus, Statistics
- Machine Learning Algorithms and Deep learning
- Data Skills: Data preprocessing, cleaning, and visualization