

Thanushri Rajmohan

thanushritharun@gmail.com | +1(860)532-3755 | Chicago, IL, USA | linkedin.com/in/thanushri-rajmohan/

EDUCATION

The University of Chicago

Chicago, Illinois, United States of America

Master's Program in Computer Science

September 2021- March 2023 (Expected)

Relevant Coursework- Databases, Machine Learning, Data Science, Software Engineering

Vellore Institute of Technology

Vellore, Tamil Nadu, India

Bachelor of Technology in Computer Science and Engineering

July 2017-June 2021

Cumulative GPA: 9.3 / 10

Relevant Coursework- Compilers Design, Data Structures, Databases and Operating Systems, Calculus, Machine Learning, Artificial Intelligence, Data Science (by John Hopkins, Coursera).

WORK EXPERIENCE

Dattendriya Data Science Solutions

Salem, India

Data Science Intern

March-June 2021

- Performed PostgreSQL to Snowflake database migration by extracting the tables containing Postgres metadata and mapping it to generate the corresponding Snowflake script files.

Innov4Sight Health and Biomedical Systems Pvt. Ltd

Bangalore, India

Natural Language Processing Intern

November 2020 - Feb 2021

- Assisted in automating the tagging process and in pattern matching for chatbot development by utilizing the spacy and the plac modules of Natural Language Processing.

The Sparks Foundation

Data Science Intern

November-December 2020

- Performed Regression analysis for retail datasets and predicted stock prices using numerical and textual analysis, Optimized KMeans clustering algorithms with elbow method.
- Derived insights by examining the correlations within attributes using Exploratory Data Analysis followed by visual representation.

WinVinaya InfoSystems India Pvt. Ltd

Bangalore, India

Software Engineering Intern

May-June 2019

- Implemented API in python with Postman, Accessed Linux instances remotely with PuTTY, built a HR Management System and a blood bank management software product.

ENGINEERING PROJECTS

Sentiment Analysis on Amazon Customer Reviews

October 2020

Constructed a web scraping algorithm and applied Natural Language Processing (NLP) techniques in python to extract customer reviews and ratings followed by Naive Bayes sentiment analysis.

Post recommendation system

September 2020

Query insertion for retrieval of relevant posts based on their genre using a content-based recommendation system that is based on Machine Learning (ML) techniques.

Malware Detection

March 2020

Built a malware detection system for Android applications that incorporates Densely Connected Convolved Neural Networks (CNN) and random projection for feature selection.

Covid strain prediction using ML and RNN

Feature selection, hyperparameter tuning, ML/Deep Learning analysis on clinical covid reports.

SKILLS

Languages- Proficient: C, C++, Java, Python, R, HTML, CSS, SQL | Novice: JavaScript, PHP

Software- Python in Jupyter (scikit-learn, spacy, plac, keras), Rstudio, MATLAB, Rational Rose