

Sri Sainee Thirumurugan

North Melbourne, VIC-3051

0413931624

srisainee2310@gmail.com

<https://www.linkedin.com/in/sri-sainee-thirumurugan>

Career Objective

Master of Data Science student currently seeking a Analyst Programmer role at Tango Energy. Having well developed teamwork, communication and problem-solving skills broadened during academic experience. Possessing extensive knowledge in Python, SQL, Azure and OOPs through experience in projects. Confident about actively engaging in a dynamic and challenging environment to develop personal growth while contributing to the organization's success.

Education

Master of Data Science

RMIT University

July 2019 – June 2021

Bachelor of Engineering (Computer Science and Engineering)

Madras Institute of Technology campus, Anna University, India

August 2015- May 2019

Work Experience

Data Analyst Intern

Wings Cyberspace International

April 2021 – Current

- Experimented different web scraping tools to extract eBay product details including Category, Subcategory etc. using BeautifulSoup, Scrapy, ParseHub and Octoparse.
- Studied Elasticsearch and how to upload data into Elasticsearch.
- Created dashboards using Kibana, Tableau and PowerBI with extracted eBay product details.

Team Member

Know Your Terms

November 2020 – January 2021

- Worked in an Agile environment
- Extracted text from web pages using BeautifulSoup and Scrapy.
- Mined text from PDF and Docx files for displaying relevant terms and conditions for the users.

Data Science and Analytics Intern

The Sparks Foundation

October 2020 – October 2020

- Developed dashboard using PowerBI to perform Exploratory Data Analysis.
- Performed Business Analysis using range of graphs and plots.
- Developed storyboard using Tableau to perform Time Series Analysis on COVID-19.
- Built interactive and animated visualizations to analyse the COVID data.
- Performed storytelling by interactive graphs enabling easy analysis.
- Code and snapshot of dashboard in <https://github.com/littlebravesri/TheSparksFoundation>

Web Developer Intern

KioTek Digi Networks Private Limited, India

September 2017 – January 2018

- Developed user interface using HTML, CSS, Javascript and Shopify.
- Identified tools for abandoned checkout process.
- Developed use cases for website testing.
- Integrated third party applications with Shopify.

Academic Experience

Modelling Recyclable Materials Collected and Recycled of Victoria

RMIT University

March 2021 – June 2021

- Analysed the survey data of materials collected and recycled in Victoria.
- Modelled data using Regression and Time Series models.
- Assisted in building dashboard in Python Plotly Dash to visualise forecasts and statistics of each council.

Crimes of Victoria Dashboard

RMIT University

April 2020 – May 2020

- Visualise crimes dataset in a dashboard showing the rate of crimes occurred during the years 2016-2019.
- Story telling of the crime rates of Victoria using Shiny and R interactive visualizations.
- Followed data visualization design process and ethical principles to create the dashboard.
- Code and snapshot of dashboard in <https://github.com/littlebravesri/RShinyDashboard>.
- Dashboard deployed in shinyapps.io in :
https://littlebravesri.shinyapps.io/Crimes/?_ga=2.186900512.902303536.1602752634-734726441.1602752634

Traffic Signal Classification

RMIT University

May 2020 – June 2020

- Analysed dataset and performed pre-processing and feature engineering.
- Built several machine learning and neural network models to classify the images.
- Tuned hyperparameters of the model to obtain optimal results.

A Deep Learning Framework for Automated Transfer Learning of Convolution Neural Networks

Madras Institute of Technology, Anna University

January 2018 – February 2019

- Collaborated with teammates and contributed to the research of the project.
- Analysed and compared various existing frameworks and languages.
- Authored, published, and presented paper at IEEE International Conference.

Additional Training

- **SAS Certified Young Professionals** **November 2020 – current**
 - Ongoing training for certification program on Programming Fundamentals using SAS 9.
 - Planning to get certified in Learning More with SAS, Learning Statistics with SAS, Machine Learning with SAS, Visualisation with SAS.
- **Trainee Data Scientist at DataDisca** **April 2020 – April 2021**
 - Module based learning on Data Science concepts.
 - Created simple application analysing given dataset using numpy, pandas and visualization libraries including seaborn, Plotly, Folium.
 - Deployed an API with Django Rest Framework.
 - Completed Classification study by training machine learning models such as XGBoost, GradientBoost, Adaboost, RandomForest, Linear Discriminant Analysis, Logistic Regression, Naïve Bayes, Support Vector Machines, Logistics Regression, K Nearest Neighbours.
- **Graduated from Udacity's Data Science Foundation Nanodegree.** **January 2018 - May 2018**
 - Studied and completed assignment on A/B Testing
 - Studied Data Analysis using SQL
 - Learned concepts about Hadoop, Map Reduce
 - Performed Exploratory Data Analysis

Technical Skills Summary

- Programming Languages : C, Python, C++, JAVA, R
- Web Development Languages : HTML, CSS, Javascript, PHP, SQL
- Data Science Skills : Data Wrangling, Data Visualisation, Web Scraping (Information Retrieval), Statistics, Machine Learning, Exploratory Data Analysis, Big Data, Data Mining, Deep Learning, PowerBI, Tableau, SAS, Azure Fundamentals
- Other Skills : AWS, Git, Django Rest Framework, MS Office