

Shreya Sriram

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Personal Website: <https://shreyasriram4.github.io>

WORK EXPERIENCE

HP Inc.

January 2023 – May 2023

Data Scientist Intern

- Generate insights from data for deeper understanding of operational processes to produce recommendations
- Develop methodologies to optimise business processes through predictive analytics, real-time monitoring & data visualisation

GovTech Singapore

July 2022 – December 2022

Data Scientist Intern

- Collaborated with Ministry of Communications and Information to optimise their business processes
- Built and deployed a web application that utilises state-of-the-art Natural Language Processing algorithms to cluster and rank news articles

Saturday Kids

November 2021 – December 2021

Freelance Coding Instructor

- Educated groups of primary school children between ages 7-10 on fundamental skills in coding & problem solving using Scratch programming language

CrescoData

March 2021 – July 2021

Data Scientist Intern

- Leveraged machine learning to build a model that automates categorization of products from various client marketplaces into respective taxonomies
- Produced actionable reports based on customer data to load products into destination platforms

EDUCATION

National University of Singapore

August 2019 – May 2023

BSc Data Science and Analytics, Minor in Economics

- Current CAP: 4.42/5
- UTown College Programme: Tembusu College
- Member of NUS Statistics Society

Kings' College London

January 2022 – June 2022

Study Abroad Programme

- Participated in rigorous classes in Mathematics, Computer Science, Physics & Economics

Victoria Junior College

January 2017 – December 2018

- Achieved SINDA Academic Excellence Award for excellent performance in GCE A' Levels

ACHIEVEMENTS

Kantar Hackathon for Food Nutrition

October 2021

Top 6 Teams

- Wireframed a data-backed mobile application that personalises grocery recommendations to users based on food consumption habits, dietary needs and budget

NTUC Income Future-X Hackathon

August 2021

Top 8 Teams

- Wireframed a mobile application that promotes the digital transformation of NTUC Income's insurance protocol

Fourth Place

- Proposed a mobile application that mobilises crowdsourcing potential to enhance emergency response by SCDF

EXTRACURRICULAR ACTIVITIES

NUS Statistics & Data Science Society

July 2020 – May 2022

Publicity & Workshops Team Member

- Prepared and hosted a hands-on workshop in data cleaning & visualization using Python & Tableau for 100 participants
- Created content in relation to statistics and data science

Tembusu College Karaoke Club

August 2020 – May 2021

Founder and President

- Established a club for students to freely express themselves through music

House Committee

August 2020 – May 2021

Member

- Co-organised weekly events to facilitate cohesive bonding amongst 150 house members

PROJECTS

Genomic Data Project

July 2020 – May 2022

- <https://shreyasriram4.github.io/genomics-project>
- Developed a model to predict m6A modification site points within long-read RNA sequences
- Utilised model to predict m6A modification sites along 5 human cancer cell lines
- Optimised computational processes involving big data using AWS Cloud

IBM Employee Attrition Project

July 2020 – May 2022

- <https://shreyasriram4.github.io/employee-attrition>
- Leveraged data analytics tools & predictive machine learning algorithms to predict employee attrition & identify key factors influencing employee attrition

CERTIFICATIONS

[SQL for Data Science](#)

December 2020

[Tableau 2020: A-Z Hands-On Tableau Training for Data Science](#)

July 2020

[HTML, CSS, and Javascript for Web Developers](#)

July 2020

SKILLS

Programming Languages/Tools: Python, R, SQL, MATLAB, HTML, CSS, Tableau, Power BI**Machine Learning:** Supervised Learning, Unsupervised Learning, Natural Language Processing, Time Series Analysis, Regression Analysis**Data Science Skills:** Data Science Pipeline (cleaning, mining, visualization, modelling, interpretation, deployment), Git, Statistics, Linear Algebra, Multivariate Calculus**Soft Skills:** Problem-Solving, Leadership, Communication, Project Management, Agile**Working On:** Big Data, Data Engineering, Cloud Computing, Web Development, Computer Vision