



Huvinesh Rajendran

Machine Learning Engineer

Contact

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Skills

- Tensorflow • Python • Julia
- C++ • Java • R
- Keras • UI/UX design • Tableau
- Android Studio • Web scraping
- Prototyping • Computer Vision
- Natural Language Processing (NLP)

Languages

- English - Fluent • Malay - Fluent
- Tamil - Fluent • German - Beginner

Personal Profile

A 21-year-old student with excellent communication and learning skills who is highly ambitious and curious. Currently, pursues a bachelor's degree in computer science at Taylor's University, specializing in Data Science and Artificial Intelligence. Has demonstrated advanced data analysis skills and can develop data science applications, machine learning models, web applications and mobile applications. Extremely passionate about deep learning, a sub-field of machine learning that has significant potential to help humanity solve various problems.

Academic Background

Taylor's University

Bachelor of Computer Science (Honours)
2019 - 2022 CGPA : 3.71

University of the West of England

Bachelor of Computer Science (Honours)
2019 - 2022 CGPA : 3.71

Kolej Matrikulasi Perak

Malaysian Matriculation
2017 - 2018 CGPA : 3.96

SMK Kuala Selangor

Sijil Pelajaran Malaysia
2013-2016 Result : 3 A+, 3 A, 3 A-, 1 B+

Certificates

Neural Networks and Deep Learning

Offered By : Coursera

Issued : July 2021. No expiration date

Credential ID : XSBV8SSUETK4

Structuring Machine Learning Projects

Offered By : Coursera

Issued : Aug 2021. No expiration date

Credential ID : NWS2QLXX49UQ

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Offered By : Coursera

Issued : Aug 2021. No expiration date

Credential ID : DPBWVU5K998N

Advanced Python

Offered By : LinkedIn

Issued : Jun 2021. No expiration date

Python Functions for Data Science

Offered By : LinkedIn

Issued : Jun 2021. No expiration date

Learning the JavaScript Language

Offered By : LinkedIn

Issued : Jun 2021. No expiration date

Using Python for Automation

Offered By : LinkedIn

Issued : Jun 2021. No expiration date

Deep Learning Foundations: Natural Language Processing with TensorFlow

Offered By : LinkedIn

Issued : Jun 2021. No expiration date

Introduction to Julia (For Programmers)

Offered By : Julia Academy

Issued : Aug 2021. No expiration date

Award No. cert_hb833cjz

Personal Projects

Building a web application using Anvil

July, 2021 - Present

- Anvil is a platform which uses Python to build web applications.

Building an Internet of Things (IoT) mobile application

Jan, 2021 - Feb, 2021

- The IoT mobile application was built using Android Studio.
- The data was streamed from an ESP32 microcontroller into the IoT mobile application.

Building an Object Detection Model

May 2021 - Jun 2021

- This model is used to detect and track cars in a CCTV footage.

Building a Data Science application using Streamlit

July 2021 - Present

- Streamlit is a platform which enables Data Scientist to build and deploy web applications with ease.

Natural Language Processing (NLP) model that generates poems

Apr 2021 - May 2021

- This NLP model uses semantic analysis to generate poems.

Stock Price Forecasting model

Jun 2021 - July 2021

- This model was built using a time series model such as Gated Recurrent Unit (GRU).

Web Scraping data from Rotten Tomatoes

Jun 2021 - July 2021

- Python libraries such as BeautifulSoup were used to scrape data from Rotten Tomatoes.

UI/UX design for mobile application

Apr 2020 - May 2020

- A high fidelity mock-up (prototype) application was designed based on Jakob Nielsen's 10 Usability Heuristics for UI design .

Honors & Awards

Dean's List Award - Taylor's University

Aug 2019 - present (every semester)

Merit Scholarship - Taylor's University

Aug 2019 - present