Nabeel Hingun

Contact

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Github:
www.github.com/nab-126

Skills

Programming Languages:
Python, R, Java, SQL, HTML, CSS, JavaScript, Scheme

Framework/Technology:
Tensorflow, Pytorch, Keras, Numpy, Scipy, React Native, node.js, sklearn, Matplotlib, Pandas

Languages:
French, Mauritian Creole

Hobbies:
Soccer, Fencing, Cooking

Education

University of California Berkeley *Graduating May 2022*
Major: B.A. Data Science **GPA**: 3.96
Honors: Ranked 2nd country-wide for my A-levels and awarded a full-ride scholarship for my undergraduate studies.
Coursework: Data Structures, Discrete Mathematics and Probability Theory, Probability for Data Science, Principles and Techniques of Data Science, Linear Algebra and Differential Equations, Database Systems, Human Contexts and Ethics of Data, Business Analytics, Financial Economics

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Work Experience

Mauritius Commercial Bank/ Data Science Intern, *June – July 2019*

- Created new algorithms and improved recall scores of models used by bank for Cross Selling and Customer Segmentation
- Used ensemble learning algorithms in a stacked model (random forests, adaboost, xgboost and lightgbm) to improve the conversion rate of product recommendation

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Projects

- **Resnet18** - Implemented a self supervised algorithm for image classification using tensorflow data API to load and preprocess data. The neural network uses geometric transformations to extract features of an image without requiring these images to be labeled
- **Super-resolution** - implemented a CNN model with pytorch to upscale low-resolution videos using resnet blocks and VGG16 perceptual loss
- **Gitlet** - a light version-control system of Git. Designed the internal data structures and implemented various commands such as log, checkout, branch or merge.
- **Yield Curve Tracker** - deployed node.js (npm and express) application on glitch server and learnt the basics of client-side and server-side programming, loading JSON data from the Quandl API and update DOM element and promises, async and await

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Activities

Machine Learning At Berkeley *January 2019 - Date*

- Student organization working on industry consulting, research projects and educational initiatives
- Learnt foundations of ML algorithms - building decision trees and neural networks from scratch and training tensorflow models using AWS

Statistics Undergraduate Student Association *August 2018 - December 2018*

- Learnt the basics of Data Science: data cleaning, EDA, linear regression, data visualization

Booknest *Feb 2016-Date*

- Conceptualized and translated this project in Mauritius to promote reading and sharing based on the 'Little Free Library'