

Nabeel C. Hingun

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Education

University of California Berkeley May 2021

Major: B.A. Data Science **GPA:** 3.95

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, Principles of Business, Human Contexts and Ethics of Data

Work Experience

Advanced Data Analytics Squad Intern, Mauritius Commercial Bank 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

Projects

Github: github.com/nab-126

- 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
- 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
- Super-resolution - implemented a CNN model to upscale low-resolution videos

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

Varsity Fencing (UC Berkeley) August 2018 - Date

- Ranked 5th and 3rd in UCB, Cal Poly and SJSU NCIFL tournaments
- Apprentice Armorer: learnt how to fix electric blades and equipment

Statistics Undergraduate Student Association August 2018 - December 2018

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

Booknest (Leadership) Feb 2016-Date

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

Skills

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

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

Languages: French, Mauritian Creole