# **AVNISH PAL**

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#### **EXPERIENCE**

### Machine Learning Scientist

#### Taiyō Al

m Jan 2020 - March 2021

- Member of University of California Berkeley Skydeck Fall 2020.
- Implemented ML Pipeline for Monthly Steel Exports of China consisting models like LSTM, GRU, CatBoost, etc.
- Working on Grafana and Django based web application dashboards for clients like Tata Steel, Bouygues, and Bloomenergy
- Contributed new data harvesters from sources like UN Comtrade,
  WTO, Investing.com, etc. to the ML Pipeline.

#### Machine Learning Scientist Intern

#### Taiyō Al

₩ Sep 2019 - Dec 2019

- Worked on a trader agent that benchmark-ed at 22% annual returns, consistently beating S&P 500.
- Researched and implemented classification models on financial time-series data.

### **PROJECTS**

# DataWiz (Data Pipeline GUI Application) python, django, dash, plot.ly, bootstrap

Ctober 2020 - December 2020

- End-to-End data science pipeline application.
- Supervised development and integration of all the components.

## Courser (Flutter Mobile Application)

#### dart, flutter, firebase

March 2019 - April 2019

- Search engine for online learning resources.
- Supports user contributions, reviews, and upvotes.

# Stock Tracker (Stock Market Dashboard) python, dash, plot.ly, iexfinance api, bootstrap

December 2018 - January 2019

 Takes the ticker symbol of that company as input and plots price fluctuations of stock with latest OHLC data.

## Flaskerizer (Python Library)

#### python, flask

- Esptember 2018 September 2018
- Optimized code for parsing links. Reduced application run-time by 7 folds.

## **ACHIEVEMENTS**

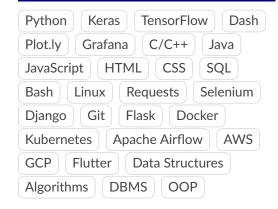
- 5\* (Python) on HackerRank
- Scholarship Recipient of AWS Machine Learning Program 2021
- Scholarship Recipient of SUSE Cloud Native Foundations Program 2021

## **EDUCATION**

B.Tech in Information Technology **Guru Gobind Singh Indraprastha University** 

🛗 July 2017 - July 2021

## **SKILLS**



## **PARTICIPATION**

- Subsurface Cloud Data Lake Conference Winter 2021
- University of California Berkeley Skydeck Fall 2020

## **CERTIFICATION**

- Problem Solving HackerRank
- Deep Learning with Python DataCamp
- Portfolio Risk Management with Python -DataCamp
- · Docker Labs KodeKloud
- Statistical Thinking in Python DataCamp
- Data Visualization with Bokeh DataCamp
- Data Cleaning with Python DataCamp