

AVNISH PAL

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in avnish-pal

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EXPERIENCE

Machine Learning Scientist

Taiyō AI

📅 Jan 2020 – Present

- 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.
- Worked on a trader agent that benchmark-ed at 22% annual returns, consistently beating S&P 500.

Machine Learning Scientist Intern

Taiyō AI

📅 Sep 2019 - Dec 2019

- Created an asset recommendation tool for investors that shortlists the top 10 assets from S&P 500 index for investment.
- Researched and implemented classification models on financial time-series data.

PROJECTS

DataWiz (Data Pipeline GUI Application)

python, django, dash, plot.ly, bootstrap

📅 October 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

📅 September 2018 – September 2018

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

EDUCATION

B.Tech in Information Technology

Guru Gobind Singh Indraprastha University

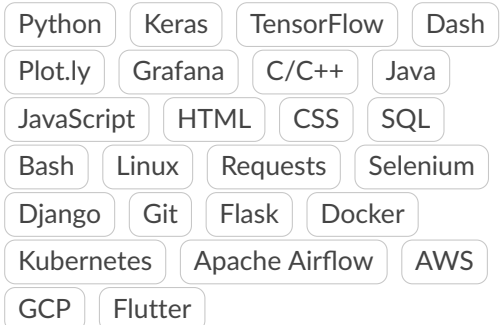
📅 July 2017 – Present

High School

Rich Harvest Public School

📅 June 2014 – May 2016

SKILLS



PARTICIPATION

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

CERTIFICATION

- 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