

PRATIK PANDAB

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HONORS/AWARDS

_____ **Award for Special effort**, *Caring Souls Foundation awarded me for gathering funds for cancer patients*

_____ **Facebook PyTorch Scholarship**, *Received a scholarship for a learning program provided on Udacity*

PROFESSIONAL EXPERIENCE

Deep Learning Engineer, Eminere Tech Solutions, *Bhopal* Jul 2019 – Aug 2019

- Responsibilities included Design and Implementation of DL models for instance segmentation
- Achieved above 96% accuracy in most cases for the desired classes
- Used the architecture of Mask-RCNN with customizations in the FPNs and ConvNet

Machine Learning Intern, Career Launcher, *Virtual* Jun 2019 – Jul 2019

- Responsibilities included Stock Market Analysis, Trend Predictions, etc.
- Designed an Efficient Market Portfolio using MPT, CAPM and beta analysis to maximize profit upon risk
- Designed a Stock Predictor using RNNs improved with LSTM units to acquire very accurate predictions

Campus Representative, Money-Wizards, *Virtual* Jul 2018 – Aug 2018

- Conducted workshops to emphasize the importance of financial literacy
- Increased the registrations from my college in YMO by 20%
- Received a Letter of Recommendation from the CEO

PROJECTS

Recommendation Engine Present

- Designing a recommendation engine using collaborative filtering to improve the current state of this technology
- Building heuristics to improve the predictions and match-out similarities
- Developing a fully-featured API to provide access to other users working in the same field

Stock Trend Predictor Jun 2019 – Jul 2019

- The model leverages the capabilities of RNNs improved with LSTMs to achieve very accurate predictions
- Stock movement of Google between 2012-2017 was used to train the model
- The project also includes various analysis like SMA comparisons, Bollinger Analysis, etc to predict the stock trend

Churn Rate Predictor May 2019

- The model is built to learn from the past churn records of a bank to predict the future behaviour of customers
- Used an ANN and a Decision Tree for comparisons
- Improved the accuracy using parameter tuning on both models to figure out the best hyper-parameters
- Created a Geo-Demographic analysis report to generate business insights for future schemes

EDUCATION

Samrat Ashok Technological Institute, Vidisha

- B.Tech in Computer Science and Engineering (7.6 CGPA)

2017 – 2021

PORTFOLIO LINKS

- Linkedin - <https://www.linkedin.com/in/pratik-pandab-193b43143/>
- Github - <https://github.com/pratik-1999>