Viet Huynh

Data Scientist

Mobile, AL | 251-391-8216 | Email: viethuynh1420@gmail.com | GitHub: viethuynh | LinkedIn: viethuynh

TECHNICAL SKILLS

Programming Expertise: Python (NumPy, Pandas, Scikit-learn), SQL, R, and Excel (pivot tables, VLookUp)
Frameworks: TensorFlow, PyTorch, Keras, Kaggle, Scala, Spark, Flask, Plotly Dash, Matplotlib, Docker, Heroku
Skills: Data analysis, Linear and Multivariate Regressions, Predictive Analytics, K-Cluster Analysis, Machine Learning, Data Structure and Algorithm, Natural Language Processing, Artificial Intelligent, Computer Vision

PROJECTS

Underdog Devs Resource Manager, *Machine Learning Engineer*   [GitHub repo]
- Configured data model design, coordinated project goals, and data solutions on a 7+ member development team
- Identified means of data science and contribute codes with **KNN** modeling to provide data analysis matching
- Applied the **Principle Component Analysis**, reduced large feature set, and retained valuable statistic information
- Implemented the **Clustering technique** to find the optimum number of clusters to best match mentors and mentees

Spotify Song Suggester, *Data Analyst*   [GitHub repo] [Project Link]
- Created a Spotify-like music app to engineer predictive song selection from a library of 116K songs
- Built a **k-means clustering** model that recommends new songs based on user's suggested song
- Made **Plotly visualizations** and animations to highlight differences between song recommendations along 7 points

Kickstarter Success, *Business Intelligence Team Lead*   [Github Link] [Project Link]
- Integrated **NLP** and **XGB** techniques to predict potential success of Kickstarter campaign based on target fundraising goal, campaign duration, and currency
- Used **Flask API** and **Heroku** to create a dynamic, interactive fundraising prediction model on the website

Stock Price Prediction, *Business Intelligence Engineer*   [Github Link] [Project Link]
- Created visualizations using **Plotly** to highlight correlations between real and predicted stock prices
- Applied **LSTM** and **Keras** to predict future stock prices based on historical prices
- Wrote Medium blog post to dive deeper into analysis and further describe the research methodologies

EXPERIENCE

Phoenix Prep Vietnam, *Ho Chi Minh City, Vietnam - Mentor*   Jan 2018 - Mar 2019
- Facilitated an 3-month online SAT/ACT test preparation course for 50 students

EDUCATION

BloomTech (FKA Lambda School), *Graduate, Full Time Program, Data Science*   Jul 2021 - Feb 2022
Davidson High School, *Mobile, AL*   Jun 2020
- Achieved 1st place in Civil Engineering portion of science fair by creating a non-electric water pump
- Placed 4th in the South Robotic Contest by programming the robot to work and function properly at competition

LANGUAGES

Mandarin, Vietnamese, English