

Canberk Kandemir

in caberkkandemir | ✉ kandemircj@gmail.com | 🌐 canberk17 | ☎ +905301810117

WORK EXPERIENCE

KPMG | DATA ANALYST

July 2020 – Present | Istanbul, Turkey

- Navigated data-related projects on python to provide meaningful insights regarding the optimum KPI's and necessary modifications to our clients
- Executed HR analytics algorithms to minimize employee turnover rates. Created a machine learning model through KNN to classify employees that are more likely to quit
- Built an automated chat-bot for KPMG with NLP by using HR data and corpus

RENAISSANCE CONSTRUCTION | PROJECT MANAGEMENT INTERN

May 2018 – Aug. 2018 | Moscow, Russia

- Researched and developed budgeting strategies for the construction of the Federation Tower in Moscow
- Implemented relational models with correlation matrices to determine the most cost efficient, and effective resources
- Worked along side the budget team to reduce the overall cost by nearly 20%

ERNST & YOUNG | TRANSACTION ASSURANCE INTERN

May 2017 – July 2017 | Istanbul, Turkey

- Applied quantitative strategies and valuation methods to analyze financial and operational performance of 23 target companies by reviewing accounting records
- Created earn-out and due diligence reports for MA cases
- Examined financial records and ensured draft financial statements were accurate and consistent with industry standards

PROJECTS

VOICE ASSISTANT | 2020

- Developed a voice-activated assistant on Python to perform various functions such as translation, google search, playing songs on Youtube/Spotify, launching programs, quadratic calculations and so forth. Available on my GitHub in the repository **M**

TRADING BOT ALGORITHMS ON SP500 | 2019-2020

- Developed trading bots with Python for S&P 500 with technical indicators, and stochastic processes, and more recently created trading strategies with neural networks. Available on my GitHub in the repository **Algorithm**

WINE CLASSIFICATION | 2020

- Built a KNN classification model in R to classify high quality white and red wines from Kaggle's wine data. Performed a heat map to visualize correlations of present chemicals with quality. Achieved 80% accuracy in our predictions. Available on my GitHub in the repository **Wine**

EMOTION RECOGNITION | 2020

- Developed an Emotion Recognition algorithm with OpenCV and keras from kaggle's fer2013 database. Available on my GitHub in the repository **fer**

PUMF DATA FOR WAGE PREDICTION | 2020

- Explored the relationship between the level of education and salary: returns to schooling. Performed Multivariate regression with STATA to see the impact of education and on salary by instrumenting the work hours. Model explains 10% of the data variation in the sample. Available on my GitHub in the repository **PUMF**

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA

Bachelor of Arts Interdisciplinary Studies

Aug 2016 - May 2020 | Vancouver, BC

Key Courses: Quantitative Economic Modelling with Data Science Applications, Applied Economics, Data Science, Computer Science, Statistics and Probability, Cognitive Psychology, Cognitive Systems

Major GPA: 3.0

SKILLS

Programming Python R, Julia, SQL, Stata, Scala, Java, Shell

Mark Up \LaTeX , JavaScript, HTML, and CSS

Libraries/Frameworks Scikit-learn, XGBoost, Keras, TensorFlow, NLP, Spacy, Pandas, Numpy, seq2seq, **PySpark**, Py-Torch, OpenCV

Software Tools SAP Predictive Analytics, MS Office, MongoDB, Tableau, PowerBI, Git

CERTIFICATIONS

KPMG Data Analytics Consulting

Machine Learning Scientist with Python Track

Data Scientist with Python Track R Programming

Bloomberg Market Concepts

INTEREST

Brazilian Jiu Jitsu

Blue Belt Athlete at Checkmat

Yoga

Certified Yoga Instructor at UBC