

Elvin Zeynalli

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GitHub



Medium



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Experience

Teaching Assistant

Feb 2024 - Present

Sabancı University

İstanbul, Türkiye

Graded assignments and exams. Helped conduct classes and arranged recitation sessions for follow-up classes.

Business Development Assistant

Jul 2023 - Nov 2023

Chamberlain McBain Ltd

Edinburgh, Scotland

Created a bot and deployed it in a local server that automatically scrapes 1000s of court rolls data on a weekly basis and updates the database created and stored locally. Presented the analytical results with charts and an interactive dashboard. Managed all social accounts of the company and ran multiple advertising campaigns to increase user engagement.

Data Coding/Capture Clerk

Jan 2023 - Jul 2023

Ipsos MORI UK

Edinburgh, Scotland

Ensured 100% data reliability by validating extensive information gathered from diverse marketing channels such as telephone interviews, surveys, and venue visits.

Junior Financial Analyst

Feb 2022 - Sep 2022

FINADCO: Financial Advisors Co

Baku, Azerbaijan

Conducted due diligence and feasibility studies for big investment projects, including a \$17 million venture. Estimated the value of five tangible assets and in-house equipment of a governmental entity, cumulatively exceeding \$4 million in worth. Conducted a market research of the global and local hazelnut industry as well as the local bond market before delivering insights to support strategic decision-making.

Teaching Assistant

Oct 2021 - Jan 2022

ADA University

Baku, Azerbaijan

Assisted and collaborated with my Business Statistics instructor on tutoring students in addition to arranging classes, organising exams, and grading assignments. Provided technical assistance and helped my supervisor by using the BlackBoard system.

Education

MSc in Business Analytics

2022 - 2023

University of Edinburgh

Courses: Predictive Analytics, Prescriptive Analytics, Mathematical Modelling, Simulation Modelling, Stochastic Optimization, Game Theory for Business Analytics, Soft Computing, Python Programming, Data Analytics

Honours: Merit

Achievement: Full State Scholarship (100% tuition fee waiver + monthly stipend)

Bachelor of Business Administration

2017 - 2022

ADA University

Courses: Foundations of Business, Business Analytics, Corporate Finance, Finance, Financial Accounting, Business Statistics, Management Info Systems, Marketing Management, Economics, Environmental Sciences

Honours: Second Upper-Class (2:1) - *summa cum laude* (3.52 GPA)

Achievement: Full State Scholarship (100% tuition fee waiver)

Commerce (Exchange Semester)

2020 - 2020

ICD Business School Paris

Courses: Digital Marketing, Negotiation Strategies, International Finance, Complex Sales, Hackaton Site Web

Achievement: Erasmus+ Scholarship (100% tuition fee waiver + monthly allowance)

Technical skills

Programming

Python, Java, SQL

Machine learning

Tensorflow, Keras, Scikit-learn

Data visualisation

Tableau, Power BI, Matplotlib

Web scraping

Requests, BS4, Selenium

Data analytics

Pandas, Numpy, Stata

Database

MySQL, PostgreSQL, MongoDB

Simulation

Arena

Version control

Git, Github Desktop

Projects

Deep Learning Model for Approximation of Inventory Costs Under Stochastic Demand

Developed a Recurrent Neural Network model with 90% accuracy to predict an array of inventory costs using over 5,000 instances of inventory data generated via stochastic dynamic programming, stored at MongoDB.

Analysis of Scottish State-Owned Schools: k-Means Clustering

Implemented k-Means clustering for over 2,500 state-owned schools of Scotland to identify 3 distinct clusters based on deprivation score and pupil quantity to determine the regions in need of further organisational support.

Link: https://bit.ly/schools_kmeans

Analysis of FIFA 23 Players: k-Means Clustering

Designed a k-Means clustering model to analyse over 10,000 football players, concluded 5 unique clusters to understand the logic that the football players are purchased upon.

Link: https://bit.ly/fifa23_kmeans

Non-Capital UK Cities with High Tech Potential

Analyzed data of 5,000 UK tech firms scraped from Companies House using REST API to identify the cities with high-tech potential based on the number of active tech firms to guide tech investors and jobseekers in the tech industry.

Link: https://bit.ly/uk_tech

Web Analytics based on Clickstream

Analyzed clickstreams of over 160,000 website visitors by using metrics like conversion and bounce rates to identify key customer sources and platforms to recommend strategies to boost user engagement and increase conversion.

Link: https://bit.ly/web_analytics_160000

Text mining: Zondo papers

Mined 16 extensive reports to highlight frequently mentioned companies and industries on controversial reports with the objective of guiding investors to make more prudent and ethical decision-making regarding their investment strategies.

Link: https://bit.ly/zondo_reports

Exams

GMAT

640 - 49 Quantitative 28 Verbal

TOEFL-iBT

110 - 30 Reading 27 Listening 27 Writing 26 Speaking

IELTS

8.0 - 8.5 Reading 8.0 Listening 6.5 Writing 8.5 Speaking

Languages

English

Fluent

Turkish

Fluent

Azerbaijani

Native

French

Elementary