Tania Turdean

EDUCATION

UNIVERSITY COLLEGE LONDON
MSc Computing Science
Sep 2022 - Jun 2023 | London, UK

UNIVERSITY COLLEGE LONDON
BSc Management Science
Minor in Intelligent Systems
Second Class Honours(Upper Division)
Sep 2019 - Jun 2022 | London, UK

LINKS

Website:// **taniaturdean**
Github:// **taniaturdean**
LinkedIn:// **Tania Turdean**

SKILLS

TECHNICAL
Advanced
Tableau • Excel • SQL • Github • SPSS
Intermediate
C++ • Python • R • Matlab •
Mathematica • HTML • Git

LANGUAGES
English (C1 Certified Level) •
Romanian (native)

HACKATHONS

GOOGLE KICSTART 2020
top 57% | :// my solutions
Solved algorithmic challenges in C++

AMERICAN EXPRESS AND MICROSOFT 2019
Implemented a warning system based on classification trees to decrease default rates

EXTRA-CURRICULAR

JP MORGAN CHASE | Software Engineer Experience
May 2020 | Virtual
Worked in Python to improve the usability of graphs showing stocks ratios

ROLLER FIGURE SKATING
2009 - Present
Won multiple international medals

EXPERIENCE

BOMBINATE | Data Operations Intern
June 2021 - September 2021 | London, UK
- Handled the data operations of the company by creating data dashboards or reports
- Developed the only user-interface for the retailer's brands partners to display their sales, orders and views using time-series or bar plots, and SQL to query the vast production data

RESEARCH

UNIVERSITY COLLEGE LONDON | Research assistant for academic research paper
Sep 2020 - Dec 2020 | London, UK
- Worked with Daphne Sobolev on outlier analysis of a 600 participants experiment about managers and ethics
- Found statistically significant correlations – performed linear regression in SPSS and used Cook's Distance in MATLAB to eliminate 5 % of the outliers

POSITIONS OF RESPONSIBILITY

UCL DATA SCIENCE SOCIETY | Science Executive
Apr 2020-Mar 2021 | London, UK
- Created a data visualisation workshop in Python, reporting Covid cases using choropleth maps, timelines, spider charts, plots
- Delivered 4 live online workshop to 20-30 students: **Pandas**, **data visualization**, **k-NN**, **Support Vector Machine**

UNIVERSITY PROJECTS

TEXT ANALYSIS WITH TWEETS | grade: 75.2 %
:// Twitter project | May 2021
- Using tweets mentioning the music festival @bottlerocknapa, summarised tweets' reach, time, common words, happiness score, hashtag count - with charts in R, Python or Tableau
- Came up with a profit increase scheme by predicting tweets' reach with a weighted average model (random forest and xgboost) and targeting tweets with the highest reach

KNAPSACK PACKING | grade: 70 %
:// Coding project| Mar 2021
- Improved the quality and design of the code of 4 versions of the 0-1 knapsack algorithm in Python
- Analysed their time complexity to quantify the business implications for marketing workforce scheduling, then created a user interface for better visibility

TIME SERIES - NICU HOSPITAL GROUP PROJECT| grade: 77 %
:// Time-series report | Feb 2021
- Concluded that the NICU hospital should not extend the number of beds by predicting a decreasing trend of US births using an additive seasonality model and centred moving average in R and Tableau