

Tania Turdean

EDUCATION

UNIVERSITY COLLEGE LONDON

MSC COMPUTING SCIENCE
Sep 2022 - Sep 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](https://taniaturdean.com)
Github:// [taniaturdean](https://github.com/taniaturdean)
LinkedIn:// [Tania Turdean](https://www.linkedin.com/in/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