

Tania Turdean

EDUCATION

UNIVERSITY COLLEGE LONDON

MSCI MANAGEMENT SCIENCE
MINOR IN INTELLIGENT SYSTEMS
FIRST CLASS HONOURS (73.2)
Sep 2019 - Jun 2023 | London, UK

"ONISIFOR GHIBU" HIGH SCHOOL

MATHEMATICS AND COMPUTER
SCIENCE
Grad. May 2019 | Cluj, Romania

LINKS

Github:// [taniaturdean](#)
LinkedIn:// [Tania Turdean](#)

SKILLS

TECHNICAL

Advanced
C++ • Python • Tableau • Excel • SQL •
Metabase • DataStudio • Github • Notion
• SPSS
Intermediate
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 in R to
decrease default rates of AMEX
customers

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

- *Brands dashboard* – Innovated the brand partners' platform by fully-developing the company's only user interface in SQL to display the sales and product views in a user-friendly manner (line charts, bar plots) - provided B2B transparency
- *Weekly Sales Report* - Automated the weekly sales report - eliminated the 30 minutes manual updating process and improved the reliability of the data to get sales per product instead of by order using SQL queries

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

NLP WITH TWITTER DATA | GRADE: 75.2

[:// Twitter project](#) | May 2021

- Using tweets mentioning the 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

FINANCIAL ANALYSIS GROUP PROJECT | GRADE: 72.02

[:// Finance report](#) | Mar 2021

- Performed Excel analysis on 21 financial ratios for a fictive company - and commented on their profitability, liquidity and use of resources to set out long/short term advice such as JIT inventory management to collect receivables faster because they had liquidity problems

TIME SERIES - NICU HOSPITAL GROUP PROJECT | GRADE: 77

[:// Time-series report](#) | Feb 2021

- Concluded that the 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