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During my Masters in Management at London Business School, I fell in love with the power of leveraging analytical techniques to obtain useful insights from data. I have interned at a digital healthcare start up as a data analyst and consultant, and have experience in the fintech space. Having developed a great interest in computer science, mathematics, and analytics, I chose to study Data Science at General Assembly. I am now looking to further improve my skills, with a focus on machine learning.

PROFESSIONAL EXPERIENCE

**Oct 2017 to
Jan 2018**

General Assembly, London, United Kingdom
Full-time Data Science course in Python and Machine Learning
Data Scientist

Projects include:

- Built a time series model forecasting cryptocurrency prices from Twitter sentiment data obtained by coding an AWS-powered historical tweet scraping bot
- Created a job salary prediction algorithm by scraping website HTML for job data, tokenizing data through NLTK and using Logistic Regression model for prediction.

Skills learned:

- Data Cleaning/Exploration - Pandas, NumPy, SciPy
- Machine learning and Regression/Classification-based Modeling - Scikit-Learn, Statsmodels
- Natural Language Processing - TextBlob, NLTK
- Webscraping/Data Mining - Requests, BeautifulSoup
- Visualization/Analysis - Matplotlib, Seaborn, Tableau
- Cloud Computing / Big Data Analysis Tools - AWS, Hadoop, Spark

**Mar 2017 to
Jul 2017**

MEDICSPOT, London, United Kingdom
Digital Healthcare Startup
Data Analyst Intern

- Identified target expansion locations for Boots-MedicSpot partnership by analysing public NHS survey of 2.2 million patients, incorporating income data and MedicSpot proprietary dataset in a comprehensive data model
- Advanced cost-savings model on the NHS emergency services based on existing MedicSpot offerings, assessing costs deriving from 1.7 million yearly unnecessary NHS A&E uses

Aug 2016

TRADESPACE - STARTIFY7, Almería, Spain
Virtual Reality Trading Startup
Project Leader

- Led team of 4 to design and code a virtual reality prototype incorporating real-time data and hand-motion tracking, streamlining task scheduling and conducting recursive work timeline reviews
- Developed business plan, forecasting IRR, expenses and project financial projections
- Pitched to room of 100, outlining Tradespace's business concept and strategy

**Jul 2016 to
Aug 2016**

SANTANDER, London, UK
Intern

- Created and presented 5-year strategy to increase student subscriptions leveraging 8 innovative technologies, including machine learning, virtual reality, and smart banking hubs
- Collaborated with manager to perform daily risk assessments, weekly risk reviews, and anti-money laundering procedures for £1m branch balance

Nov 2015 to
Mar 2016

QCONSULT, London, United Kingdom
Consulting project to improve University of London e-mail communications
Project Data Analyst

- Cooperated in team of 4 to assemble and conduct survey to determine improvement areas in university's IT communication channels
- Analysed 200 survey responses to gauge e-mail delivery efficiency across grades, departments
- Advanced 4 points of action, streamlining contact pools and targeted marketing, to university programme director and partners, recommended approach to other UoL universities

EDUCATION

2017 – 2018

General Assembly
Data Science Immersive

2016 - 2017

London Business School
Masters in Management

Courses include: Decision and Risk Analysis (A), Data Analytics for Managers (A), The Global Macroeconomy (A), Data Mining for Business Intelligence (B)
Active member of LBS Technology and Media Club, Board Games Club

2013 - 2016

Queen Mary, University of London
BSc Business Management (Upper 2:1 - 69%)

Courses include: Social Network analysis (76.8%), Business Computing (75.3%), Quantitative Research Methods (68.0%), Macroeconomic Modelling (70.4%), Strategic Management (74.4%)
Vice President of the Business and Management Society: Increased society membership from 250 to 450; organised talks from industry leaders as well as skill workshops

IT SKILLS

- Python, SQL, bases of VBA and C
- HTML, CSS, Web Scraping (API's and HTML mining)
- AWS, Hadoop, Hive
- Tableau, Excel
- Familiarity with hardware infrastructure obtained by assembling own computer

ADDITIONAL EXPERIENCE

- Selected to participate in competitive Global Immersion trip to Silicon Valley; invited to companies such as Apple and Google and took Stanford University workshop on concept design
- Vice-President, Model United Nations: Increased active members from 9 to over 50 throughout 2 years; flew team to international debate competition in Dublin, where I pitched and defended an international relations-oriented resolution statement to over 500 delegates
- Volunteer Work - Young Enterprise: Mentored high school students in using analytical business frameworks through simulated business scenarios
- GMAT: 700 (89th percentile)

LANGUAGES
NATIONALITY

Native English, Native Spanish
Italian, Peruvian