Jovan Krunic
Graduate

PROFILE

Recent Cardiff University Maths graduate based in London looking for ideal opportunities in the world of Data. I am an analytically minded individual, with a keen interest in Data. I have worked with numbers to analyse and model information throughout my life, and wish to develop and enhance these skills going into my professional career.

EDUCATION

Cardiff University | BSc Mathematics | 2021
Relevant modules: Computing for Mathematics, Foundations of Probability and stats, Methods of Applied Mathematics.

I have used Python in modules like Game Theory to present and model data. My project in this example was based around the service games of tennis players, and whether there is an ideal game a player can play to win matches. Used packages such as NumPy, Nashpy and Matplotlib.pyplot. I received a 2:1

EXPERIENCE

Capita Novus Program | January 2022 – Present
Developing and enhancing the skills needed for Data analytics through problem-solving projects, and practical applications of tools used within the industry.

Skills Include:
- Understanding management methodologies such as Agile, CRISP-DM and TDSP
- Excel: Cleaning data, Power Query, using functions, and data visualization
- Power BI: Best practices for visualization, and advanced features like DAX
- Data extraction and manipulation using SQL and PostgreSQL
- PostgreSQL, NoSQL: Efficient storage and processing of "Big Data"
- Python development for Data analytics using packages like NumPy, Pandas, SciPy and Scikit Learn in the application of Machine Learning and Deep learning techniques
- Data cleaning, merging and wrangling using Python
- Using statistical and mathematical models to analyse Big Data
- Final Project based around Natural language processing

Cardiff University Clearing Call Centre | *August 2019*
- Tested my ability to work under pressure, receiving many calls in short spaces of time
- Developed my communication skills as I had to speak effectively and efficiently

Chelsea Academy Peer Mentoring | *Sept 2016 – Jun 2017*
- I helped younger students engage in their studies by providing support through my school.
- I assisted students with their academic pursuits, such as helping them with their schoolwork.
- Providing advice relevant to their future education and career paths

ABILITIES

- **Teamwork** – Completed team-based Projects at University which called for collaboration, initiative and planning to discuss and evaluate ideas within a certain timeframe. One example was when we had to create a management model of a complex hospital system using the software SIMUL8. We created a plan of action with weekly objectives, organised time slots for meetings, and gave out individual assignments. Outcome was that we received a 2:1

- **Leadership** – Managed and organised different football events, whether that be weekly league matches or tournaments

- **Problem Solving** – Heavy focus on this skill throughout my degree, solving problem sheets using numerous mathematical methods. From solving proofs using more abstract methods like mathematical induction, to more strategic based problem-solving using formulas.

- **Independent learning** – University, and especially mathematics, has taught me how to be a better self-learner. Many of the ideas I had to independently self-teach can be highly abstract and unintuitive, on several occasions I have been stuck on a single problem for several hours. My approach when stuck on a problem is to evaluate different methods or strategies I can use, in combination with perseverance to find the best solution.

- **Languages –** Fluent in both English and Serbian