

Owen Croft

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EDUCATION

MSc Economics - Distinction

University of Liverpool

- Awarded the **ULMS Dean's 20th Anniversary Scholarship** due to my academic and extra-curricular accomplishments
- Achieved an overall average mark of **75%** with a mark of **80%** in dissertation.

BA Business Economics – 1st Class

University of Liverpool

- Took on the roles of **President of the Economics society** within my 2nd year and **Social Sec of the UoL TaeKwon-Do Club** in my final year.

SKILLS AND ABILITIES

Technological Skills: R (Programming Language), Python, SQL, MS Excel, MS Office

Analytical Skills: Big Data Analysis, Causal Inference, Data Cleaning, Predictive Machine Learning, Academic Writing, Presenting Analytical Results

Soft Skills: Problem Solving, Presentations, Communication Complex Information, Team Collaboration, Leadership

ANALYTICAL EXPERIENCE

Publication

Determinants of Attendance in the English Women's Super League: Does Demand for Men's Football Spillover? – Croft, O and Tena J.D. (2025)

- **Built and maintained** a dataset of over 1000 football matches, linking the matches with data on sport-specific, weather-related, and economic variables.
- Conducted **data visualisations and empirical analysis within R** to produce and interpretable model on the factors affecting demand for women's football.
- Communicated my findings within a **published academic paper to provide insights for policy makers** and football businesses on how to further improve attendance.

Work in Progress

What is the Causal Effect of VAR on Footballer Injuries?

- Constructed a dataset of over 5,000,000 football player and match observations by **developing a Python based web scraper** using the Beautiful Soup and Requests libraries.
- Cleaned and maintained the collected data using **R Studio** to prepare for the empirical analysis and to produce easily accessible data visualisations and descriptive statistics.
- Developed a Difference-in-Differences model to understand the causal relationship between the implementation of VAR and footballer injuries.

Research Assistance

Public Sentiment and Judge Decision Making

- Developed a Python based web scraper to collect extensive data from the Russian Hockey League.
- Implemented quality control measures to ensure the accuracy and reliability of the collected data, supporting analytical research.

Quantitative Tightening and Inequality

- Collaborated closely with another research assistant to comprehensively gather necessary information for a research paper.
- Organised all researched material into easily accessible databases and documents, facilitating easy file transfers and collaboration amongst authors.

HIGHLIGHTED WORK EXPERIENCE

University of Liverpool

Student Ambassador

Liverpool

Oct 2023 – Oct 2024

- Collaborated with a team of student ambassadors and academic staff to execute university open days at ULMS, effectively promoting the institution to prospective students.
- Independently organize and conduct personalized campus tours and presentations for families and students, providing comprehensive insights into campus life and academic offerings.
- Acknowledged for exceptional performance with numerous positive reviews from families and staff, influencing multiple prospective students to choose the university based on my assistance.

Jam Coding

Code Coach

Liverpool

Oct 2023 – Jun 2024

- Organised and led computer literacy and coding sessions for groups of up to 30 primary school aged children in after school workshops, ensuring engaging and effective learning.
- Collaborated with fellow code coaches to enhance teaching sessions, allowing for effective delivery of classes.
- Underwent targeted safeguarding and GDPR training to safely handle the children's personal information and ensure that children are protected inside and outside of the classroom.