

Ilkin Mengusoglu

Projects

Prevalence of CAMs Use in 6th-Form Students

Designing a cross-sectional study and drafting the questionnaire showed me the complexities associated with apparently simple study designs.

CODE Room corner detection in 3D scans

Solving this novel problem for an R&D company challenged my linear algebra, image processing, and clustering skills.

CODE Neural networks from scratch in C++

I aimed to intuitively understand machine learning concepts by doing everything from scratch.

CODE Marble run over London's density heatmap

My dream I turned to reality with this fun project, with data manipulation practice as a bonus.

CODE Implementing the simplex optimisation algorithm

My first project familiarised me with version control, debugging, and code etiquette in programming.

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Experience

OCT 2021-JUNE 2022 **Cochrane Institute** *[Contributor]*

Translated 10 papers; classified more than 5000 trials based on randomisation techniques.

“Thank you so much for translating a paper from Spanish to English for our Cochrane review based on inclusion criteria. Really helpful and professional, many thanks.

— Dr Heidi Singleton, Cochrane Skin Group

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“Ilkin completed both an initial eligibility translation and then a detailed translation of a study to be included in one of our reviews. This was done quickly and carefully and is very helpful for our author team. Many thanks!

— Jenny Bellorini, Cochrane ENT Group

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Education

2023-2029 MEDICAL SCHOOL, **UCL**

Active in the rowing, climbing, and AI societies.

2021-2023 A-LEVELS, **Peter Symonds College**

A-Level grades: A*A*A*A*A* in Biology, Chemistry, Maths, Further Maths, and EPQ.

Highlights: Twice Biology Olympiad Gold medalist, entering the top 16 the second time | Self-studied A-Level Further Mathematics within 6 months | Founded the Medical Discussion Group

Skills

Programming: Python, C++, Stata

EBM: Translation (Turkish, Spanish, German), Study-design classification

Conferences

Brit Assoc Psychopharm summer meeting and the Brit NeuroSci Assoc ‘Building Bridges Between’ symposium.