

Ilkin Mengusoglu

Projects

REPO Room corner detection in 3D scans

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

GitHub:
[@imengus](#)

REPO Neural networks from scratch in C++

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

Website:
[mengusoglu.com](#)

REPO Marble run over London's density heatmap

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

Mobile:
+44 7549 185600

REPO Implementing the simplex optimisation algorithm

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

Email:
[imengusoglu@gmail.com](#)

Experience

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

Experience in evidence-based medicine; translated 10 papers from Turkish, Spanish, and German; classified more than 5000 trials based on randomisation techniques.

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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 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

Conferences

British Association for Psychopharmacology summer meeting and the British Association for Neuroscience ‘Building Bridges Between’ symposium. I developed many professional skills, mainly networking.

Hobbies

Rowing, mountain climbing, long distance cycling, language learning, fine art, and mathematics.