

# Harrison Pim

I'm a data scientist / machine learning engineer with a background in computational / quantum physics. I write loads of python and typescript, and a little bit of everything else.

I like working on hard R&D problems involving computer vision, natural language processing, graph theory, representation learning, recommendation systems, and information retrieval.

I *love* turning those research projects into end-to-end pipelines and services which help people in the real world.

<b>Experience</b>	Senior Data Scientist, Wellcome Building a wikidata-enriched knowledge-graph for the next generation of search and discovery on <a href="https://wellcomecollection.org">wellcomecollection.org</a> .	2022-
	Data Scientist, Wellcome Prototyping and productionising computer vision pipelines, experimental NLP models, and core search algorithms to help researchers find things on <a href="https://wellcomecollection.org">wellcomecollection.org</a> .	2018-2021
	Data Analyst, The British Museum Produced ML-heavy analyses of huge datasets, distilling visitors' motivations, expectations, and needs when visiting the museum online and IRL.	2016-2018
	Data Science Intern, Great Little Place Built a matching/recommendation system for an app with hundreds of thousands of users around the world.	2015-2015
<b>Education</b>	University College London (UCL) MSci Physics, 2:1 Thesis: <a href="#">Correlations between water fragments on silicon</a>	2012-2016
	Windsor Boys' School • A-Level Maths (A), Physics (A), Design (C) • 13 GCSEs between A* - B	2007-2012
<b>Skills + Tools</b>	Machine learning pytorch, sklearn, tensorflow, wandb  Data science jupyter, pandas, numpy, scipy, matplotlib, spacy, neo4j, networkx, elasticsearch, pyspark, SQL  Web development typescript, javascript, node.js, react, next.js, tailwind, graphql, jest, playwright, fastapi, flask  Deployment AWS, terraform, docker, git, github actions, vercel, netlify, heroku, supabase	
<b>Other Stuff</b>	Teaching and mentoring I try to share what I've learned through <a href="#">blog posts</a> , <a href="#">reusable code</a> , and/or <a href="#">talks at conferences and universities</a> . I'm a supervisor for UCL's <a href="#">Data Science for Cultural Heritage</a> MSc course. I've also mentored and advised first-time conference speakers, artists, researchers in industry and academia, grant funding applicants, and students all the way from GCSE to PhD.  Software development I've built a lot of open source tools, sites, and services outside of work to sharpen my own development skills and experiment with new technologies.  Cycling and outdoor swimming I like swimming outdoors, especially through the winter. I've been cycling in London for ten years and I've only been hit by four cabs.	