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Education	Queen Mary University of London PhD, Artificial Intelligence & Music Project: Multimodal Deep Learning for	Sept $2019 - present$	
	<b>Imperial College London</b> <i>MSci, Physics</i> Modules include: Computational Phys Quantum Information, Computational	2014 – 2018 ics, Statistical Mechanics, Complexity & Networks, Neuroscience, Information Theory	
Experience	Quantexa Data Scientist Designed and built data models for net risk scoring and transaction monitoring distributed processing of raw financial integration and deployment tools (Jenl		
	Iris.aiJul – Aug 2018Machine Learning ResearcherDeveloped a new natural language processing algorithm for word sense disambiguation and proposed new classification and clustering algorithms based on word embedding modelsUBSJun – Aug 2017Technology InternOptimised the monitoring process of the IT infrastructure by developing a tool to automate data analyses on multiple datasets and visualise the results on a near-real-time dashboard		
Projects	<b>Deep Learning for Audio &amp; Music</b> Implemented a CNN-based model for a	-	
	MSci Thesis on Human Mobility Models May 2018 Studied spatial interactions via modelling and analysis of human flows using simulation and data-based approaches. Developed a framework for hierarchical clustering of spatial data		
Languages & Skills	Italian (native), English (fluent), Spanish (conversational) Python (PyTorch, Keras, Pandas, NumPy, SciPy), Scala, Apache Spark, ElasticSearch		
Awards & Achievements	<b>Enrichment Scheme Award, The</b> Successful application to join the progr	-	
	Selected Attendee, DLRL Summer SchoolAug 2020Deep Learning Reinforcement Learning Summer School organised by CIFAR and Mila		
	PhD Studentship, UKRI CDT in Artificial Intelligence and MusicSept 2019Awarded a full research studentship for a 4-year PhD programmeSept 2019		
	Best Research Proposal, Imperial Awarded the $1^{st}$ prize for a team proje	-	
	<b>Travel Grant, Norwegian Customs</b> Grant to attend a research hackathon of	S Oct 2017 on machine learning for object identification	