Michael Tänzer

London · m.tanzer@outlook.com · +44 7450 626644 · in/michael-tanzer

Education

Imperial College London — London, UK
PhD Artificial Intelligence for Healthcare — 2020 - 2024

Imperial College London — London, UK
MSc Artificial Intelligence and Machine Learning *GPA: 1st class - 82%* — 2019 - 2020

University of Exeter — Exeter, UK
BSc Computer Science and Mathematics *GPA: 1st class – 81%* — 2016 - 2019

Experience

GoVolt — Milan, Italy
Android Developer — June 2019 - September 2019

- Main developer of the Android application, which provided a way for the users to manage their bookings, payments and rides history.
- Managed a team of developers in charge of the development of the iOS application and of minor bug-fixes in both Android and iOS
- The application is used by more than a thousand users every day and the service is now available in multiple cities

IBM — Milan, Italy
Watson AI Global Business Services Intern — June 2018 - September 2018

- Responsible of developing a costumer support chatbot that makes use of some of the latest natural language understanding and processing technologies developed by IBM
- I managed the high level requests of the client using the available AI technologies to deliver a cutting edge product that can answer most of the questions with pertinent answers
- By the end of my internship, the chatbot I developed had been introduced in four international companies and it is now used on a regular basis

Autodesk — Tel-Aviv, Israel
Summer intern in QA department — June 2017 - August 2017

- In charge of developing an automated testing suite for the web version of the 3D model viewer
- By the end of my internship, the test suite I developed was included in the continuous integration process

Project and Theses

PhD *Medical Imaging, generative models, de-noising, de-aliasing, uncertainty estimation*
Artificial Intelligence enabled highly efficient Diffusion Tensor Cardiac Magnetic Resonance

Master Thesis *Python, PyTorch, Deep Learning, NLP, token classification*
BERT memorisation and pitfalls in low-resource scenarios
Accepted at ACL2022 – Available on arXiv: `https://arxiv.org/abs/2105.00828`

Bachelor Thesis *Python, Keras, generative models, dimensionality reduction, manifold learning*
Manifold learning for explaining the behaviour of Recurrent Neural Networks

Skills

Languages:	Italian (native), English (full professional proficiency).
Programming languages:	Python, PyTorch, Java, Git, Android, JavaScript, NodeJs, VueJs.

Awards

Reinforcement Learning internal competition — Imperial College London
Internal Reinforcement Learning competition across over 150 students — December 2020

Dean Commendation — University of Exeter
June 2019

Dean Commendation — University of Exeter
June 2017