

MARCO LEVRERO

SOFTWARE ENGINEER

🏠 <https://mlrv.github.io>

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WORK EXPERIENCE

Avaloq
Innovation
Feb 2018



Present

Software Engineer

- Developing a trading platform to analyse risk and return of different asset allocation strategies. Built as a set of loosely coupled microservices which are developed, scaled and deployed independently as Docker containers, hosted entirely in Openshift.

Royal Bank
of Scotland
Sep 2016



Feb 2018

Software Engineer

- Responsible for the delivery of innovative proof of concepts within different departments of the bank.
- Developed an AI-powered chatbot for internal use across multiple channels (intranet + facebook@work).
- Ownership of testing (unit / integration / regression) life cycle of a customer-facing AI chatbot.
- Developed a personal banking Android app which consumes our internally developed API.

Innovation Consultant

- Technical and commercial evaluation of a large number of Fintech startups operating in field like Data, Cloud Computing, Cyber Security and Payments. Focus on Israel and Silicon Valley.
- Experience in technical proof of concepts / pilots in several technology spaces.

University of
Manchester
Sep 2015



Aug 2016

Project Manager

- Led a team of 8 people during a flying drone design challenge (~30 weeks).
- Brought down the time for a complete test iteration from 1 week to 2 days by using agile techniques.

EDUCATION

Udacity
Nanodegree in Machine Learning

Graduated Mar 2018

University of Manchester, UK
MSc, Aerospace Engineering

Graduated Sep 2016
1st class

University of Genoa, Italy
BSc, Mechanical Engineering

Graduated Sep 2015
1st class

SKILLS

- 📋 Javascript, Typescript, Node.js, Python
- 💻 Angular, HTML5, CSS, Prototyping
- ☁️ Openshift, PaaS, REST APIs, Docker, Microsoft Azure, Microservices
- 👥 Agile, GIT, CI / CD, Code reviews, Pair programming, Testing, Jira
- 🗄️ SQL, NoSQL, Machine Learning, Tensorflow
- ♥️ Linux, Open source, Chatbots

QUALIFICATIONS

Microsoft M20532

Developing Microsoft Azure solutions

Khan Academy

Contributor for STEM subjects

UoM Gold Mentor

Mentoring students from the University of Manchester on career advice

European Rubik's cube Championship

Former National record for the Blindfolded category

PROJECTS

Chars74k Neural Network

Built a neural network to recognise handwritten characters over a non-uniform background. Trained on 74000 images

ECObot

AI sustainable living assistant, integrated with Messenger, Uber and Monzo. Won the 2nd prize at the Accenture Global Hackathon, London 2017

Access Everywhere

Open Banking integration for wearable devices, 2nd prize at the 2020 RBS