

# MARCO LEVRERO

## SOFTWARE ENGINEER

🏠 <https://mlrv.github.io>

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### WORK EXPERIENCE

Avaloq  
Innovation  
Present



Feb 2018

#### 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.
- Organised and presented at company tech talks.

Royal Bank  
of Scotland  
Feb 2018



Sep 2016

#### 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).
- Trained and mentored junior engineers on software development best practices and design patterns.

#### Innovation Consultant

- Technical and commercial evaluation of a large number of Fintech startups operating in fields 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

Aug 2016



Sep 2015

#### 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

1<sup>st</sup> class

University of Genoa, Italy

BSc, Mechanical Engineering

Graduated Sep 2015

1<sup>st</sup> class

### SKILLS

- 📋 Javascript, Typescript, Node.js, Java
- 💻 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

#### Stack Overflow

Active [contributor](#) to the Stack Overflow open source community

#### European Rubik's cube Championship

Former [National records](#) in the single and multiple 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