

## EDUCATION

## Imperial College London

## M.Sc. Computing Science, Distinction

- 09/2017 – 09/2018
- Intensive 12 months practical conversion M.Sc. program in Computer Science
  - Software Engineering (C++), Machine Learning (Python), Network and Web Security, Logic and AI Programming, Algorithms, Databases (SQL), Operating Systems, Computer Architecture
  - *Thesis*: «A Multi-Agent Simulation Framework and Analysis of the IOTA Tangle» (final mark 83%, *research paper* accepted at *Symposium on Cryptocurrency Analysis 2018*)
  - *Group project*: Grocery Image Recognition with Deep Neural Networks (Python, Keras, JS)

## Maastricht University

## B.Sc. International Business, Cum Laude

- 09/2013 – 07/2016
- *Major*: Finance (International Financial Management), *Minor*: Information Management
  - *GPA*: 8.8 out of 10, graduated in top 3%, *Beta Gamma Sigma* international honour society
  - Problem-based learning: collaborative learning approach, focus on teamwork and real-life cases

## The Hong Kong University of Science and Technology

## Exchange semester as part of B.Sc.

- 09/2015 – 12/2015
- Investment and Portfolio Analysis, Negotiations, Computing (VBA), Chinese Economic History

## Burgau-Gymnasium, Düren

## Higher Education Entrance Qualification

- 09/2004 – 06/2013
- Graduated *first in class with a GPA of 1.0* (best possible grade – scale from 1.0 to 6.0)
  - Awarded as one of the best graduates at state level, student representative, GAPP exchange

## PROFESSIONAL EXPERIENCE

## Lloyds Banking Group, London

## Machine Learning Data Engineer

- 04/2019 – present
- Data Engineer/Python Software Engineer for Data Science and Machine Learning applications
  - Developing pipelines for large and complex financial data sets, Lead Engineer model monitoring Python package and Lead DE Personal Loans project – mainly using pandas, PySpark, etc.

## IOTA Foundation, London

## M.Sc. Thesis - Research &amp; Development

- 04/2018 – 09/2018
- *Simulation framework* developed in Python, *research* published – awarded Distinction
  - Collaborated with researchers of IOTA Foundation in Berlin and Tel Aviv in cooperation with Imperial College Centre for Cryptocurrency Research and Engineering and Outlier Ventures

## GP Bullhound, Berlin

## Tech Investment Banking Intern

- 03/2017 – 07/2017
- Direct collaboration with analysts in London, Paris and San Francisco – received return offer
  - Worked on several simultaneous M&A sell-side transactions with emerging tech companies as well as growth financing mandates targeting leading global venture capital investors
  - Supported (senior) deal team with regard to investment documents, financial models, valuations and offer analysis, management of data rooms, performing research and analysis

## SevenVentures / ProSiebenSat.1 Media SE, Munich

## Growth Investments Intern

- 09/2016 – 12/2016
- Worked for the Venture Capital (media investment) unit of the listed ProSiebenSat.1 group
  - Prepared investment proposals and other documents for the investment committee, screened B2C-markets/potential targets, evaluated business plans and financial models, due diligence

## SKILLS &amp; INTERESTS

## Technologies

- Python, PySpark, PyCharm, SQL, Git, Linux, Windows, Excel (advanced)
- C++, Hadoop, Teradata, Jenkins, Atlassian stack (basic)

## Languages

- German (native), English (fluent)

## Interests and travels

- Football, TechCrunch, managing small experimental portfolio of cryptocurrencies
- Exploring developing economies: trips through China, Taiwan, Vietnam and the Philippines 09/2015 – 01/2016; Cuba 07/2016; Myanmar, Laos and Thailand 01/2017 – 02/2017; Mexico, Belize and Colombia 10/2018 – 12/2018