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## 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 (Python, 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*: 8.88 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), 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

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## 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 monitoring solution

### IOTA Foundation, London

### M.Sc. Thesis Project - Research & 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, 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
- Several simultaneous M&A sell-side transactions with emerging tech companies as well as a growth financing mandate targeting leading global venture capital investors (sectors: B2C online services & data analytics, FinTech and LegalTech software/SaaS, digital marketing)
- Supporting (senior) deal team with regard to investment documents, financial models, valuations and offer analysis, management of data rooms, performing independent research and analysis

### SevenVentures / ProSiebenSat.1 Media SE, Munich

### Growth Investments Intern

09/2016 – 12/2016

- Working for the Venture Capital (media investment) unit of the listed ProSiebenSat.1 group
- Preparing investment proposals and other documents for the investment committee, screening B2C-markets/targets, evaluation of business plans and financial models, due diligence activities

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## QUALIFICATIONS & INTERESTS

### Technologies

- Python, Spark, SQL, Git, Linux (advanced), Teradata, Jenkins, C++, VBA (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