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👤 Citizenship: GER ⚲ London, UK

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 & 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 & INTERESTS

Technologies	• Python, PySpark, PyCharm, SQL, Git, Linux, Windows, LaTeX, 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