Manuel Zander in ⚲

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👤 Citizenship: GER 📍 London, UK

EDUCATION

Imperial College London, UK   M.Sc. Computing Science, Distinction

09/2017 – 09/2018
- Intensive 12 months practical M.Sc. program in Computer Science
- *Notable modules:* Software Engineering (75%), Machine Learning (76%), Network and Web Security (73%), Logic and AI Programming (75%), Algorithms, Databases
- *Thesis:* «A Multi-Agent Simulation Framework and Analysis of the IOTA Tangle» (final mark 83%, *research paper* accepted at *Symposium on Cryptocurrency Analysis 2018*)
- *Engineering group project:* Image Recognition using Deep Neural Networks with UK's largest online grocery retailer (81%) – used technologies include Python, TensorFlow, Keras, flask, JS

Maastricht University, NL   B.Sc. International Business, Cum Laude

09/2013 – 07/2016
- *GPA: 8.8 out of 10 (top 3%)*, Finance major, *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, Chinese Economic History

Burgau-Gymnasium, Düren, GER   Higher Education Entrance Qualification

09/2004 – 06/2013
- Graduated *first in class with a GPA of 1.0* (equivalent to A*A*A*A*, best possible grade)
- 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 software and data pipelines for large-scale financial data sets; Lead Engineer model monitoring Python package; Lead DE Personal Loans project – PySpark, pandas, NumPy, etc.

IOTA Foundation, London   R&D Software Engineer – M.Sc. Thesis

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
- 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 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

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SKILLS & INTERESTS

Technologies	• Python, PyData, PySpark, PyCharm, SQL, Git, Linux, Windows, Excel (advanced)
	• C++, Hadoop, Hive, Teradata, Jenkins, Docker, Atlassian stack, LaTeX (basic)
Languages	• German (native), English (fluent)
Interests and travels	• Football, TechCrunch, managing small experimental portfolio of cryptocurrencies
	• Exploring developing economies: 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