

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, LaTeX, 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