Manuel Zander in ⚙

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👤 Citizenship: GER   📍 London, UK

PROFESSIONAL EXPERIENCE

Lyst, London **Software Engineer, Web Growth**

11/2020 – present
- Developing microservices, data pipelines and tools to drive organic growth for all domains
- *Technologies:* Python (Django, FastAPI), React, CircleCI, Docker, Terraform, Snowflake, AWS (Step Functions, Batch, SQS/SNS, S3), Grafana, Sentry, New Relic

Lloyds Banking Group, London **Data and Software Engineer, GCP**

04/2018 – 11/2020
- Worked on developing a cloud-native banking data platform on GCP from scratch
- Previously Data and Software Engineer for Machine Learning applications – developed data pipelines and Python monitoring package; delivered SE training for Data Science graduates
- *Certifications:* Google Cloud Certified – *Associate Cloud Engineer* (02/2020), Udacity Nanodegree – *Machine Learning Engineer* (06/2020)
- *Technologies:* Python, Protobuf, Jenkins, Docker, Terrafom, Beam, PySpark, SQL, GCP (Pub/Sub, Dataflow, BigQuery, Spanner, Data Catalog)

IOTA Foundation, London **Research and Development, M.Sc. Thesis**

04/2018 – 09/2018
- Developed a *simulation framework* in Python and *published research* – 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 **Technology Investment Banking Intern**

03/2017 – 07/2017
- Direct collaboration with analysts in London, Paris and San Francisco
- Supported senior deal team with regard to investment documents, financial models, valuations and offer analysis, management of data rooms, performing research and analysis

EDUCATION

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

09/2017 – 09/2018
- Intensive 12 months practical conversion 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%) – technologies include Python, TensorFlow, Keras, flask

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* intern. honour society

The Hong Kong University of Science and Technology **Exchange Semester**

09/2015 – 12/2015
- Investment/Portfolio Analysis, Negotiations, Intro to Computing, Chinese Economic History

Burgau-Gymnasium, Düren, GER **Abitur/A-Levels**

09/2004 – 06/2013
- Graduated *first in class with a GPA of 1.0* (equivalent to A*A*A*A*)

SKILLS & INTERESTS

Technologies	• See *manzan.dev/tech*
Languages	• German (*native*), English (*fluent*)
Interests and travels	• Football, electronic music/DJing, cuisines of the world
	• Backpacking across developing economies: China, Taiwan, Vietnam, Philippines, Cuba, Myanmar, Laos, Thailand, Mexico, Belize and Colombia