
Education and Qualifications

2018-2019	University of Oxford (Lady Margaret Hall) Saïd Business School, UK	MSc Financial Economics GMAT 740
2015-2018	Rotterdam School of Management Rotterdam, NL	BSc International Business Administration (GPA: 8.1) Minor: Mergers & Acquisitions (8.5)

Work Experience

Jan-19 – Present	Saïd Business School, University of Oxford Oxford, UK <i>Preceptor</i> <ul style="list-style-type: none">• Aiding the design and teaching of the “Big Data for Finance” elective• The elective is taught for credit in the MBA and MSc Financial Economics• Preparing course and examination materials, setting homework assignments
Sep-18 – Present	A Top Tier Scientific Investment Manager Remote <i>Quantitative Researcher</i> <ul style="list-style-type: none">• Modeling and research for an NYC based, technology focused, quantitative investment manager (\$57bn+ AUM)• Academic review, implementation, testing and optimization of trading signals
Jul-18 – Present	Oxford Artificial Intelligence Society Oxford, UK <i>VP Education</i> <ul style="list-style-type: none">• Lead a team of 3 running technical workshop series on topics such as deep learning or statistical learning theory• Under my leadership, our education activities grew more than tenfold, with over 100 students attending our classes each week
Aug-17 – Aug-18	Turing Society Rotterdam Rotterdam, NL <i>Lead Developer Machine Learning</i> <ul style="list-style-type: none">• Created a new kind of machine learning class on deep learning with Keras and its financial applications, writing all materials from scratch• Lead a team of 5, including four developers and a course coordinator• Cooperated with partners including ING, Google, Robecco & Ortec Finance, leading to several students being recruited• Taught first instance with 56 students, many of which credited my course for their move into a machine learning career
Feb-17 – Dec-17	Institute for Housing and Urban Development Studies (IHS) <i>Research</i> Rotterdam, NL <ul style="list-style-type: none">• Research on a IHS Global Green City Index resulting in a publication in a peer reviewed journal (see publications)• Teaching of a post graduate course “Green Cities for Eco-Efficiency 2017”

Skills

Programming:	<i>Languages:</i> Python (4+ years), Objective-C (4 years), C# (2 years), C++ (2 years), SQL (4+ years) <i>Frameworks:</i> Numpy, Pandas, SciKit Learn, Keras, Tensorflow, Pytorch, Microsoft XNA, Apple UI Kit <i>Operating Technologies:</i> Docker, Google Cloud Compute Engine
Nationality:	Germany
Languages:	German (Native), French (Learning)

Additional Information

Publications:	Klaas, J. (2019). <i>Machine Learning For Finance</i> . PACKT Publishing Ltd. Brilhante, O. and Klaas, J. (2018). Green City Concept and a Method to Measure Green City Performance over Time Applied to Fifty Cities Globally: Influence of GDP, Population Size and Energy Efficiency. <i>Sustainability</i> , 10(6), p.2031.
Selected Talks:	Google Developer Group – Cloud – Amsterdam (13/04/2018): ‘The computer-vision pipeline’ Pydata – Amsterdam (26/05/2018): ‘Monitoring Models in Production’