MAXIMILIAN FELIX SCHUETT

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EDUCATION

Columbia University   New York, NY
Master of Science, Business Analytics   Expected Dec 2025

- **GPA: 4.0** | Business Analytics **Fellowship Recipient**
- Relevant Courses: Data Mining, Data Analytics, Generative AI (PhD), Machine Learning for FE & OR, Analytics on the Cloud

Erasmus University, Rotterdam School of Management   Rotterdam, NL
Bachelor of Science, International Business Administration, Data Science Specialization   Jul 2024

- **Valedictorian (1/650)** | **GPA: 9.4** | Honors Class | Exchange at Ross School of Business, MI (2023)
- Relevant Courses: Prescriptive Analytics, Data Engineering Management, Data Modelling & Analytics, Mathematics

WORK EXPERIENCE

Sigma Squared *(start-up founded by Harvard Professor Roland Fryer)*   Cambridge, MA
Data Scientist Intern   May 2025 – Aug 2025

- Implemented **automated model selection and tuning approach** for employee performance prediction in Python using a customized optimization framework reducing average prediction error by **8.1%** vs. baseline
- Engineered **weighted-ensemble-based feature selection method**, boosting feature selection precision from **60% to 73%** leading to more accurate model inputs
- Productionized fully automated ML pipeline, driving a **13.7% improvement in employee performance prediction** accuracy
- Pioneered a **supervised projection method for resume embeddings** in PyTorch, demonstrating **~11% higher predictive performance** through learning target-aligned, non-redundant features from text embedding

SAP   Walldorf, GER
Data Analyst – Corporate Cloud Transformation Organization   Dec 2022 - Aug 2023

- **Led project Digital Boardroom** – a dashboard, encompassing five reports to facilitate execution of SAP's Cloud acceleration initiative, applied in **deployment decisions** of 22 solutions in 9 countries with an **expected revenue of $790M** over five years
- Utilized SAP Datasphere to extract and interpret insights from various large data sources, feeding results into dashboards to enable data-driven decisions by senior management, reducing data retrieval time from hours to minutes
- Increased initially planned **user base from 8 to 40+** employees by extending planned complexity and adding supporting reports

Investors Marketing AG   Frankfurt, GER
Consultant Intern   May 2021 - Aug 2021

- Conducted intensive **analyses on client databases** (i.e., Microsoft Access and Excel), to identify areas for process improvement in the customer segmentation approach leading to **7.4% increase in revenue** from private banking customers

DATA SCIENCE PROJECTS

Soccer Matches Prediction Algorithm (Grade A)   Aug 2024 – Dec 2024

- Built an **automated web scraper** with Python (BeautifulSoup) to extract player-level stats from any game and league, dynamically handling restrictions and generating test data for 90,000 individual player performances with 400 predictors each
- Implemented and evaluated several models to predict match outcomes with a **64% accuracy**

Reinforcement Learning Bachelor Project (Grade 9.7/10)   Jan 2024 - Jun 2024

- Developed and tested ML models using **Multi-Armed Bandits** to balance user segmentation and generalization in online news
- Optimized Yahoo! news recommendations by engineering a dynamic approach to transfer user preference insights across clusters over time, **increasing click-through rate by 18.3%** over traditional MAB algorithms (Thompson Sampling)

Big Data in Finance Project (Grade A)   Aug 2023 – Dec 2023

- Processed and analyzed trading data of **11,367 equity funds**, utilizing SQL for consolidating datasets of over **65M** records
- Leveraged SAS for regression analysis and time-series manipulation, developing a new measure for media-coverage-reactivity used to classify funds into distinct subsets that revealed significant differences in performance across time periods

EXTRACURRICULAR & VOLUNTEER

- IDo Consultant: Student consultant for Bangladesh-based NGO Vialisa, developed website to attract more funding
- Lebenshilfe Limburg: Helped people with disabilities perform work, engaged in creative working, resolved conflicts
- Federal State team field hockey: Played professional field hockey 2010 - 2016; selected for federal state team 2012 - 2015

LANGUAGE AND IT SKILLS

Languages: German (native) | Technical: Python, R, SQL, Excel, PyTorch, scikit-learn, Git, Snowflake, Hugging Face, Scala