JOSCHKA SCHWARZ

BUSINESS ADMINISTRATION & ENGINEERING, M. Sc.

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Curiosity has afforded me opportunities to work at large organizations, with start-ups and in academia. Because of this varied career path, I became a Data Scientist with expertise in quantitative modeling and experience of building products, growing people and making data-informed decisions. Currently, I am working as a **Research Associate at TU Hamburg**, Germany, conducting research as member of both the **Entrepreneurship & Data Science** groups to guarantee a wide berth of knowledge about all areas. But now it is time for the next logical step in my career.

I am looking for a position where I can use the skills that I have developed during my years in practice and academia to engage your sales force and increase productivity and international sales. As a **(Senior) Data Analyst / Scientist** at your company, I would be able to leverage my experience in teaching and applying data-driven techniques and would be able to solve the problems I most enjoy working on.

📖 PROFESSIONAL DEVELOPMENT (CERTIFICATION)

Business Science University, remote   06/2019 - Present

Applying enterprise-grade machine learning in business & finance (machine Learning & web applications).

- Business Analysis (Data Science Foundations)
- Shiny Web Applications (ML & Business Consulting)
- Data Science for Business (Predictive Dashboards)
- Advanced Web App Development with AWS

DataCamp, remote   06/2019 - Present

Foundations of data science including statistics, inference, computer science, predictive analytics, machine learning and other technologies to gain insights from big data (using R, Pyhton and SQL).

- Data Analyst with R (19 Courses)
- Machine Learning Scientist with R (15 Courses)
- Data Scientist with R (22 Courses)
- Statistician with R (27 Courses)

💼 INDUSTRY EXPERIENCE

Hamburg University of Technology, Hamburg, Germany   06/2019 - Present
Program Manager | Research Assistant

Foundations …

- Lead of B2B/B2C industry innovation projects (focus: digital transformation, digital product development, strategic innovation management, big data analytics)
- Designed and conducted project pitches, calculated project budgets
- Designed and conducted multiple lecture units and exams in Entrepreneurship and Data Science
- Developed and implemented a Digital Teaching and Learning Ecosystem to teach classes remotely
- Supervised student theses, projects and internships
- Presented at international conferences and about to publish in related journals

Lufthansa Technik AG, Miami, USA   06/2019 - Present
Master's Degree Candidate

Created a custom Artificial Intelligence-based technological solution for business success (in collaboration with external AI experts from IBM Watson).

- Worked with executive clients to define project parameters and goals.
- Optimized use of resources to complete projects ahead of deadline and under budget.
- Motivated and supervised team members.
- Designated resources, assigned tasks and monitored performance for each part of the project.
- Communicated with clients to keep them up to date on project status.

Horváth & Partners Management Consultants, Frankfurt on the Main, Germany 06/2019 - Present
Management Consulting, intern

Worked as a PMO manager on a project for the development of new location concepts of a large European railroad company, replacing the entire existing infrastructure of this major corporate.

- Operational execution of PMO activities including reporting, budget tracking, preparation and follow-up of meetings.
- Assistance in establishing the project structure.
- Preparation of profitability calculations and capacity and utilization analyses for the individual sites.

AUDI AG, Neckarsulm, Germany 06/2019 - Present
Process Optimization, intern

As coordinator of the Lean Manufacturing Team, I was the responsible to help people to understand the Lean Management philosophy and the operational excellence approach of AUDI (Audi Production System, APS).

- Training and coaching of lean methods with focus on problem solving, logistics and process synchronisation
- Preparation, implementation and moderation of shopfloor management projects in direct and indirect areas
- Optimizing various processes via process mapping and value stream analysis
- Participating in the transformation of logistics processes from "push" to "pull"

Fraunhofer institutes (ILT & IPT), Aachen, Germany 06/2019 - Present
Student assistants

🎓 EDUCATION

Hamburg University of Technology, Hamburg, Germany 06/2019 - Present
Ph.D. Thesis in Innovation Management & Entrepreneurship Science

Maastricht University, Maastricht, Netherlands 02/2016 - 06/2016
Polytechnic University of Valencia, Valencia, Spain 02/2014 - 06/2014
Visiting Research Scholar

RWTH Aachen University, Aachen, Germany 06/2019 - Present
B.Sc. & M.Sc. in Business Administration & Engineering, Grade: 1.6, Selected to the Dean's List

🖥️ TEACHING EXPERIENCE

Data Science 06/2019 - Present

Designer & Instructor of Data Science and Machine Learning Courses:

- Data Science certificate program
- Business Data Science Basics

- Business Decisions with Machine Learning
- Building Business Data Products

Entrepreneurship & Innovation 06/2019 - Present

Teaching students skills needed to build a technology startup from the ground up in varying classes:

- Startup Engineering
- Technology Entrepreunrship

- Sustainable Entrepreunrship
- Creation of Business Opportunities