Christopher Gerling

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Summary

As a data scientist and university computer science lecturer, I am proficient in using cutting-edge technologies to solve complex problems on structured and unstructured data. I am always keen to explore recent developments in digital business processes using machine learning and big data analytics. Let's connect and discuss how to generate data-driven value for your industry.

Here are a few topics I love:

Big Data & Cloud
Machine Learning Algorithms
Descriptive Analytics
Predictive Analytics
Text Mining / NLP
Blockchain & NFT's
Python
Transformative Business Models

Experience

Data Scientist (Big Data & Advanced Analytics)

Commerzbank AG

Oct 2021 - Present (1 year 11 months)

Research and development of AI-based banking solutions in our segment Big Data & Advanced Analytics.

✗ Customer & Sales Analytics
✗ Machine Learning / AI in Banking
✗ Cloud Computing (Google Cloud Platform)
✗ Text & Speech & Document Analytics (NLP/NLU)
✗ Risk Models & Calculations (PD)
✗ Big Data Frameworks (Hadoop/Hive/Spark)

University Lecturer & Examiner

The Berlin School of Economics and Law

Oct 2020 - Present (2 years 11 months)

Teaching the course "Digitalisation in Companies" with a focus on...

Programming in Python
Algorithms and Data Structures
Data Representation
Disruptive Technologies

Moreover, I supervise and grade students' research projects / term papers and Bachelor's theses.

🐘 Digital Blogger

Mission Digital

Mar 2020 - Present (3 years 6 months)

www.mission-digital.com

Everyone should have a never-ending-love-story, right? Here is mine.

🔷 Market Data Software Development (London)

Commerzbank AG

Aug 2022 - Sep 2022 (2 months)

Development and Integration of IT systems for international Stock Prices / Trading Data in London.

✗ Java Frameworks
✗ KX Systems / KDB+

🔷 Data Science - Working Student in Big Data & Advanced Analytics

Commerzbank AG

Mar 2021 - Oct 2021 (8 months)

🔷 Working Student (Corporate Clients & Digitalisation)

Commerzbank AG

Oct 2018 - Oct 2021 (3 years 1 month)

Student employee in corporate banking with focus on the digital transformation in this segment.

✗ Project Lead - DigiDienstag
✗ Project Lead - Reverse:Mentoring East
✗ Creating Digitalisation Workshops
✗ Digital Leadership Challenges
✗ End User Software Development

▪️ Business Innovation and Digital Transformation

#openspace

Jul 2018 - Sep 2018 (3 months)

🔷 Business & Coporate Finance Student (Duales Studium)

Commerzbank AG

Aug 2015 - Sep 2018 (3 years 2 months)

I was happy to join the corporate client segment of Commerzbank AG during my integrated degree program ("Duales Studium").

✗ Corporate Clients Consulting
✗ Commerzbank Strategy Department
✗ Trade Finance and Cash Management

✗ Digitalisation

✗ Corporate Credit Center

Digital Banking & UX/UI-Design
Neugelb Studios GmbH
May 2018 - Jul 2018 (3 months)

Education

Humboldt-Universität zu Berlin

Artificial Intelligence

Apr 2022 - Mar 2025

Researcher on AI-based unstructured data analytics for banking applications

Humboldt-Universität zu Berlin

Master of Science - M. Sc., Wirtschaftsinformatik (Management Information Systems)

2019 - 2021

Top 10% of graduates (A-grade)

 Master's thesis:

Company2Vec - German Company Embeddings based on Corporate Websites

Business Analytics & Data Science
Machine Learning
Databases & Software Engineering
IT Security
Data Warehousing
Customer Analytics

Humboldt-Universität zu Berlin

Information Technology

2018 - 2019
Introduction to Programming
Business Intelligence Systems
Algorithms & Data Structures
System Architecture
IT Security

The Berlin School of Economics and Law

Bachelor of Arts - BA, Business Administration and Banking

2015 - 2018

Research paper:

Artificial Intelligence in Banking ("Künstliche Intelligenz im Bankwesen")

 Bachelor's thesis:

Transformative technologies in banking: blockchain-based processes

Licenses & Certifications

UNIcert® II - Certificado de Español B2 - Humboldt-Universität zu Berlin

Skills

Machine Learning • Python • Digital Transformation • Programming • Banking • Information Technology • Data Structures • Commercial Banking • Algorithms • Big Data

Honors & Awards

Collabothon 2022: Winning Main Price / First Place - Commerzbank AG
Jul 2022
Winning the main price of Commerzbank hackathon with 29 teams and 200 participants. Our project: Bringing artificial intelligence to zoos in order to enhance visitor experience.