






Piotr Biedermann

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Aspiring Web Developer

Education

 **Master the Universe(unfinished)** 2018 - 2020
University of California, Los Angeles USA

- Thesis: Predicting Customer Churn in Telecommunications Industry using Machine Learning Algorithms and Network Analysis
- Course: Big Data Systems and Technologies | Data Mining and Exploration | Natural Language Processing

 **Bachelors of Science in Computer Science** 2018 - 2020
University of California, Los Angeles USA

- Thesis: Exploring the Use of Machine Learning Algorithms for Predicting Stock Prices: A Comparative Study of Regression and Time-Series Models
- Course: Database Systems | Computer Networks | Software Engineering | Artificial Intelligence

Professional Experience

 **Director of Data Science** 2020 - Present
XYZ Corporation San Francisco, CA

- Lead a team of data scientists and analysts to develop and implement data-driven strategies, develop predictive models and algorithms to support decision-making across the organization
- Collaborate with executive leadership to identify business opportunities and drive growth, implement best practices for data governance, quality, and security

Tags Example here Dataiku Snowflake SparkSQL

 **Data Analyst** 2017 - 2020
ABC Company New York, NY

- Analyze large datasets using SQL and Python, collaborate with cross-functional teams to identify business insights
- Create data visualizations and dashboards using Tableau, develop and maintain data pipelines using AWS

 **Data Analysis Intern** Summer 2017
PQR Corporation Chicago, IL

- Assisted with data cleaning, processing, and analysis using Python and Excel, participated in team meetings and contributed to project planning and execution

Projects & Associations

Volunteer Data Analyst 2019 - Present
ABC Nonprofit Organization New York, NY

- Analyze donor and fundraising data to identify trends and opportunities for growth
- Create data visualizations and dashboards to communicate insights to the board of directors
- Collaborate with other volunteers to develop and implement data-driven strategies

awards

- 2023 **Third place in Capture The Flag Osint/Cybersecurity event**, 42 Wolfsburg
- 2023 **App awarded at T-System Hackathon**, T-Systems
- 2023 **Completed Arduino course**, FabLab Wolfsburg

Publications

Brown, E. (2023). *Data Visualization Techniques: A Comparative Study*.

Jones, S., & Brown, M. (2021). Exploratory Data Analysis for Predictive Modeling. *Proceedings of the International Conference on Data Science*, 256–267.

Smith, J. (2020). An Introduction to Data Analysis Techniques. *Journal of Data Science*, 15(2), 123–145.

Wilson, D. (2022). *Machine Learning for Data Analysis*. Springer.

Skills

Languages English | French | Chinese
Tech Stack Tableau | Python (Pandas/Numpy) | PostgreSQL
Personal Interests Swimming | Cooking | Reading