Christian Fiedler

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Education

Columbia University, *New York, NY* 2022 – 2027 (expected)
Ph.D. Candidate in Operations Research
- Advisor: Prof. Daniel Lacker
- Research interests: probability theory, stochastic control

University of Toronto, *Toronto, Canada* 2021 – 2022
M.Sc. in Statistics

University of Bonn, *Bonn, Germany*
B.Sc. in Mathematics 2016 – 2020
B.Sc. in Economics 2018 – 2020

Research

C. Fiedler, D. Lacker, J. Niles-Weed, "From Online Vector Balancing to Mean-Field Stochastic Control", *In preparation*, 2025.
- We establish a connection between online vector balancing and continuous-time stochastic control, suggesting directions for algorithm design
- Presented at SIAM 2025 Conference on Financial Mathematics and Engineering (link to abstract)

Teaching

Teaching Assistant at Columbia University: 2023 – Present
- IEOR 4106: Stochastic Modeling (Fall 2023, Fall 2024, Spring 2025)
- IEOR 3404: Simulation (Spring 2024)
- IEOR 4101: Probability, Statistics & Simulation (Fall 2023)
- IEOR 3658: Probability for Engineers (Spring 2023)

Teaching Assistant at University of Toronto: 2021 – 2022
- ACT 245: Financial Principles for Actuarial Science I (Winter 2022)
- ACT 230: Mathematics of Finance for Non-Actuaries (Fall 2021)

Work Experience

Fixed Income & Currencies Intern at Deutsche Bank, *Frankfurt, Germany* 02/2021 – 07/2021
- Supported the FX Structuring desk in designing structured hedging solutions for corporate clients

Financial Advisory Intern at Deloitte, *Düsseldorf, Germany* 04/2019 – 08/2019
- Assisted the Transaction Services team in preparing financial due diligence reports for M&A deals

Leadership

Treasurer of Columbia IEOR PhD Council 2024 – Present
- Co-organized various academic and social initiatives for Ph.D. students in Columbia's IEOR department

Honors and Awards

Jiangsu Ruihua Graduate Fellowship, Columbia University 2022

Skills

Coding	Python, R, C/C++
Languages	English (proficient), German (native)

Last updated: August 2025