

# CHRISTIAN FIEDLER

[cf2909@columbia.edu](mailto:cf2909@columbia.edu) · [christian-fiedler.com](http://christian-fiedler.com)

## EDUCATION

---

<b>Columbia University</b> , <i>New York, NY</i>	2022 – 2027 (expected)
Ph.D. Candidate in Operations Research	
– Advisor: <a href="#">Prof. Daniel Lacker</a>	
– Research interests: probability theory, stochastic control	
<b>University of Toronto</b> , <i>Toronto, Canada</i>	2021 – 2022
M.Sc. in Statistics	
<b>University of Bonn</b> , <i>Bonn, Germany</i>	
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 novel connection between online vector balancing and continuous-time stochastic control, opening new avenues 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, <i>Frankfurt, Germany</i>	02/2021 – 07/2021
– Supported the FX Structuring desk in designing structured hedging solutions for corporate clients	
Financial Advisory Intern at Deloitte, <i>Düsseldorf, Germany</i>	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

CodingPython, R, C/C++

LanguagesEnglish (proficient), German (native)

*Last updated: August 2025*