

WORK EXPERIENCE

University of Florida Teaching Assistant	Gainesville, Florida August 2025 - present
Ernst & Young (EY) IT-Consulting/Audit Intern (Financial Services) <ul style="list-style-type: none">Assisted in the assessment of IT general controls (ITGCs) for client systems during financial auditsParticipated in client meetings and walkthroughs to document and evaluate IT processes and internal controlsAssisted in assessing clients' readiness and compliance with the Digital Operational Resilience Act (DORA)	Duesseldorf, Germany June 2025 - July 2025
University of Wisconsin-Milwaukee Teaching Assistant	Milwaukee, Wisconsin August 2024 - May 2025
FH Aachen University of Applied Sciences Research Assistant → Research Associate <ul style="list-style-type: none">Conducted research on stochastic methods in multicriteria decision analysis using Bayesian statisticsDeveloped MCMC algorithms for constrained sampling spaces, reducing computation time by over 95% (Python: hopsy, numpy, numba) (GitHub)Implemented prior-data conflict checks in Bayesian frameworks (Python: numpy, scipy)	Juelich, Germany September 2023 - July 2024
Software Engineer <ul style="list-style-type: none">Built desktop and web applications for interactive decision analysis (Python: PyQt, Flask; HTML, JavaScript, CSS)Refactored MATLAB-based classification boundary tool to Python, improving usability (GitHub)	September 2020 - August 2023

EDUCATION

University of Florida Ph.D. Statistics <ul style="list-style-type: none">Relevant Coursework: Statistical Computing, Regression Analysis, Theoretical Statistics	Gainesville, Florida August 2025 - present
University of Wisconsin-Milwaukee M.Sc. Mathematics (GPA: 4.0) <ul style="list-style-type: none">Relevant Coursework: Regression Analysis, Computational Statistics, Time Series Analysis, Probability ModelsThesis: Bootstrap-Based Robustness Analysis of Parameter Optimization in Climate Models Using QuadTune	Milwaukee, Wisconsin September 2024 - May 2025
FH Aachen University of Applied Sciences M.Sc. Applied Mathematics and Computer Science <ul style="list-style-type: none">Relevant coursework: Statistics, Probability Theory, Machine Learning, Deep Learning	Juelich, Germany September 2023 - August 2025
FH Aachen University of Applied Sciences B.Sc. Applied Mathematics and Computer Science <ul style="list-style-type: none">Relevant coursework: Machine Learning, Data Science, Statistical Computing, Probability Theory, Software EngineeringThesis: Stochastic methods for uncertain performance matrices in Multi-Criteria Decision Analysis with an application to the transition process towards sustainable mobility	Cologne, Germany September 2020 - August 2023

SKILLS & CERTIFICATIONS

Languages: English (fluent), German (native)
Technologies: Git

Programming:

- Advanced: Python (numpy, scipy, matplotlib and other similar libraries)
- Intermediate: R, Java, Maple, Matlab
- Beginner: C++, SQL, CSS, HTML, JavaScript

Certification: Mathematical-Technical Software Developer, German Chamber of Industry and Commerce (DQR/EQF Level 4)

PUBLICATIONS & MANUSCRIPTS

Matthias Grajewski, **Luis Hasenauer**, Janis Papewalis, Stefan Vögele, Dirk Rübbelke (2025, under review). Reverse-engineering stakeholders’ attitudes from observed preferences and quantitative data by Inverse Stochastic Multicriteria Acceptability Analysis. Submitted for publication.

HONORS & AWARDS

Grinter Fellowship at University of Florida	August 2025 - May 2028
Added incentive of \$2000 per year for recruiting new, truly exceptional Doctor of Philosophy students to UF	
Deutschlandstipendium Scholarship at FH Aachen	October 2024 - August 2025
€300/month national scholarship awarded based on academic achievement	
Chancellor’s Graduate Student Support Award at UW-Milwaukee	September 2024 - May 2025
Award in the amount of \$2400 recognizing academic excellence in graduate studies	

TEACHING EXPERIENCE

As Instructor	
Quantitative Models for Business (undergraduate course), University of Wisconsin-Milwaukee	Spring 2025
Quantitative Models for Business (undergraduate course), University of Wisconsin-Milwaukee	Fall 2024
As Teaching Assistant	
tbd, University of Florida	Fall 2025

INVOLVEMENT

Department Committees at FH Aachen	
Member, Quality Improvement Committee	September 2021 - August 2024
Member, Faculty appointments Committee for Applied Computer Science	2022 - 2023