



Eva Verschueren

Ph.D. Student

 4 April 1996
 Bankstraat 74,
3000 Leuven, Belgium
 +32 475912676
 <https://evaverschueren.netlify.app/>
 evaverschueren@outlook.com

Skills

Python

R

Matlab

Latex

Word, PowerPoint, Excel

Languages

Dutch

English

French

Core Courses

Financial Engineering,
Advanced Life Insurance Math,
Data science for Non-Life Insurance,
Foundations of Quantitative Risk
Measurement,
Statistics for Finance and Insurance,
Machine Learning and Inductive
Inference,
Data Mining

About Me

I am a Mathematician with an analytical and problem-solving mindset, currently working as a Ph.D. student in Actuarial Science, while finishing the master's in Actuarial and Financial Engineering. Being a working student, I learned how to deal with pressure, how to manage time and respect deadlines and I developed an active learning attitude. My engagement as a math tutor and teaching assistant on actuarial coursework highlight my intellectual, teaching and presentation skills.

Education

2019-...	Ph.D. in Actuarial Science KU Leuven Promotor-team: Prof. Katrien Antonio & Prof. Wim Schoutens	Leuven, BE
2021-...	M.Sc. Actuarial & Financial Engineering KU Leuven	Leuven, BE
2017-2019	M.Sc. Mathematics KU Leuven GPA: 87 % - Summa Cum Laude	Leuven, BE
2014-2017	B.Sc. Mathematics KU Leuven GPA: 78 % - Magna Cum Laude	Leuven, BE
2008-2014	Economics – Mathematics Kardinaal van Roey-instituut GPA: 91 %	Vorselaar, BE

Experience

Ph.D. Student in Actuarial Science KU Leuven	September 2019 - Present, Leuven, BE
<ul style="list-style-type: none">- On Quantitative Finance & Machine Learning in Finance and Insurance- Day-to-day coordinator for the master's thesis in M.Sc. Actuarial & Financial Engineering- Work leader for master's thesis in M.Sc. Actuarial & Financial Engineering- Teaching Assistant for courses in M.Sc. Actuarial & Financial Engineering, M.Sc. Mathematics and B.Sc. Mathematics, Physics and Computer Science	
Teaching Assistant in Mathematics KU Leuven	February 2019 - June 2019, Leuven, BE
<ul style="list-style-type: none">- Guidance of exercise sessions for the course <i>Wiskunde I</i> in first B.Sc. of various scientific disciplines	
Internship in Mathematical Finance RiskConcile	September 2018, Leuven, BE
<ul style="list-style-type: none">- Python code for the calibration of pricing models on volatility surfaces- Python code for the valuation of exotic options	

Publications

Stephan Höcht, Dilip Madan, Wim Schoutens, Eva Verschueren (2021). *It takes two to tango: Estimation of the zero-risk premium strike of a call option via joint physical and pricing density modeling*. Risks 9(11).

Awards

2020	IA BE Thesis Prize 2020 Best thesis prize from the Institute of Actuaries in Belgium, for my master's thesis in Mathematics on the joint modeling of physical and pricing densities.
------	--