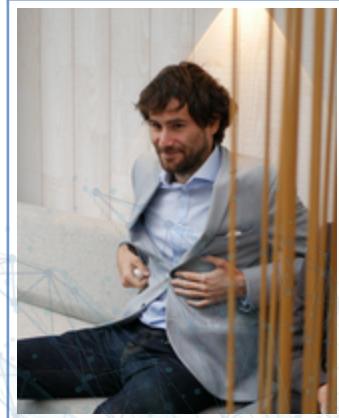


Benjamin Roelants

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Education

Mathematics, Statistics, Biostatistics and Physics

2024 – ... **University certificate in biostatistics**, Université Libre de Bruxelles, Brussels.

2021 – ... **PHD student in actuarial sciences and quantitative finance**, Université Libre de Bruxelles, Brussels.

2018 – 2020 **Master in actuarial sciences**, *Magna cum laude*, Université Libre de Bruxelles, Brussels.

- *Awards*: P&V award, IABE second price and AScBr third price.

2011 – 2013 **Master in civil engeneering, orientation applied physics**, Ecole Polytechnique de l'Université Libre de Bruxelles, Brussels.

Public Administration and Political Sciences

2017 – 2018 **Master, Public action in Europe**, *Magna cum laude*, Université Paris 1 Panthéon-Sorbonne, Paris.

2017 – 2018 **Long International Cycle**, *Magna cum laude*, École Nationale d'Administration (ENA), Strasbourg.

2015 – 2016 **Master in interdisciplinary analysis of the european construction**, *Magna cum laude*, Institut des Études européennes de l'Université Libre de Bruxelles, Brussels.

2014 – 2015 **Two certificates of 20 ECTS each**, *Cum laude*, Univesrité Catholique de Louvain, Louvain.

- Certificate in international relations and conflict analysis [20 ECTS]
- Certificate in analysis of major powers [20 ECTS]

Work experience

Entrepreneur

2020 – ...

Founder and Senior Consultant, Altaïr, Brussels.

- *Consulting Platform*: Consulting missions in the insurance and the banking sector.
- *Education Platform*: Statistical, actuarial and coding training for companies, individuals and the public sector.
- *Software Platform*: Participation in the creation of a software in the banking sector.

2015 – 2020

Founder, ClassPro, Brussels and Luxembourg.

- Foundation and development of a start-up in the field of education and digital technology.
- Leader of a teaching team of around ten teachers.
- Teaching mathematics and physics to bachelor students in polytechnics, Solvay and medicine.

Teaching

2024 – 2024

Lecturer, IÉSEG, Lille.

- Quantitative methods for economics and finance; head teacher: Jeremie Lefebvre
- Financial instruments and technology; head teacher: Cogneau Philippe
- Derivatives and real options; head teacher: Paul Zimmermann

2020 – 2023

Teaching assistant, Sciences Faculty of the Université Libre de Bruxelles, Brussels.

- ACTU-F401: Financial models 1 (discrete time); head teacher: Griselda Deelstra
- ACTU-F4002: Financial models 2 (continuous time); head teacher: Griselda Deelstra
- ACTU-F504: ALM; head teacher: Céline Azizieh
- MATH-F112 Mathematics 1: head teacher: Julie de Saedeleer

Public sector

2016 – 2017

Préfecture du Doubs, Stagiaire ENA, Besançon.

2016 – 2017

European Commission, Directorate-General for Mobility and Transport (DG MOVE), Aviation Safety Unit, Blue Book trainee, Brussels.

2016 – 2016

European Parliament, Team of the MEP Marie Arena, Brussels.

Computer skills



R, R Shiny, R Markdown, LaTeX



Python, SQL



SAS, VBA, Matlab, C++

Languages

French C2

English C1

Dutch B2

Track record of actuarial missions

- 10/21 – 05/22 Pricing of a new product, Life insurer.
- 05/22 – 07/22 Assumptions Settings, Life insurer.
- 04/22 – 08/22 Pricing training and pricing support, Non life insurer.
- 09/22 – 10/22 Assumptions Settings, Life insurer.
- 11/22 – 06/23 Pricing of a new product, Life insurer.
- 08/23 – 10/23 Pricing of a new product, Non life insurer.
- 05/23 – 02/24 Portfolio migration, Belgian actuarial consulting firm
- 03/24 – 09/24 Automation of the actuarial reporting process, Luxembourg insurer