

Curriculum Vitae

Ivan Goethals

Born June 21, 1978 - Wilrijk
Belgian nationality - married - 3 children

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Education

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|------|---|-------------------------------|
| 2005 | PhD Applied Sciences (System modeling & Control) | KULeuven, Leuven |
| 2000 | Master of Sciences, Nuclear Physics | KULeuven, Leuven |
| | • 1997, <i>magna cum laude</i> | |
| | • 1998, 1999, 2000, <i>summa cum laude</i> | |
| 1996 | Secondary School (Mathematics/Sciences) | Scheppers institute, Mechelen |

Profile

- Expertise : Financial Control, Quantitative Risk Management (Bank/Insurance), ALM, Financial Modeling, Business Intelligence and Automation, Software Development.
- Personality: Strong analytical skills combined with a stable personality, acting as a relationship builder in a team-setting. Ability to convey complex topics in a clear and concise way, steer decision making, and coordinate implementation.
Motivated, rational, quick learner, solution oriented thinking, hands on mentality.
- Languages : Dutch (native), English (excellent), French (excellent).

Professional experience

- 2016- ... **Head of Value Management & Control** (*NN Belgium*)
- End responsible for all management reporting on financial KPI's, including new business metrics (APE, VNB, CSM contribution, ...) and operational capital generation (S2 analysis of movement).
 - Reports into local board and to finance NN International.
 - Coordination and end responsible for yearly budgeting exercise.
 - Business partner of local board. Coordination of what-if exercises (sensitivities, M&A scenario's, pricing strategy, quantification of threats and opportunities).
 - Successful integration of management reporting of NN Belgium and Delta Lloyd prior to legal merger.
- 2013-2015 **Head of ALM & Capital Management** (*NN Belgium*)
- Daily management of the ALM & Capital management team.
 - Preparing NN Belgium for the successful introduction of Solvency-2.
 - Active support in the development of a capital-efficient business strategy.
- 2009-2013 **Senior actuary** (*ING insurance, ALM & Capital management*)
- Calculation & regular reporting of key risk measures.
 - Follow-up & analysis of the investment portfolio.
 - Strategic Asset Allocation, ALM study.
 - Project leader, Solvency II models.

Curriculum Vitae

- 2008-2009 **Head of modeling** (*Fortis group, CFO office, Capital solutions*)
- Proposing and structuring solutions to optimize Fortis' capital (Regcap, Ecap).
 - Modeling support for capital optimization transactions.
- 2005-2008 **Senior financial risk modeler** (*Fortis group, Group Credit Portfolio Management*)
- Develop quantitative models to monitor and steer the Fortis group credit portfolio.
 - Implementation of credit default simulations in Matlab/R/C++.
 - Quantitative analysis of proposed hedging transactions on a group level.
 - Pricing and risk/return assessment of various credit investments (Bonds, Loans, CDS, ABS, CDO).
- 2001-2005 **Research Assistant** (*KULeuven, Electrical Engineering, ESAT-SISTA*)

Relevant management training's

NN Executive Assessment	2019	1 day
NN Senior Leadership Program	2018	1 week
First Line Manager (NN/Sequoia)	2015	1 week
Principles of management (Kluwer)	2013	2 days

Informatics

- Data : Power Query and Power BI, Various SQL-based RDBMS, Python (Pandas), Ms-Access.
- Software development : 10+ programming languages (C/C++, Python, JavaScript, PHP, ...), multiple projects on GitHub.
- Web development : Maintainer of various websites and of #1 free online one-wire drawing tool for Belgians installing their own electrical wiring.

Spare time

Wide interest in non-fiction literature (finance, economy, science & technology, ...), Amateur Astronomy, Open Source Software Development.

Academic life

See <https://ivan.goethals-jacobs.be/publications/>