

Miquel VandeVelde

contact

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languages

Dutch ●●●●●
Catalan (Oral) ●●●●○
English ●●●●●
French ●●●●○
Spanish (Oral) ●●●●○

programming

Python ●●●●●
Java ●●●●●
C# ●●●●○
JavaScript ●●●●○
TypeScript ●●●●○
SQL ●●●●●

other skills

Financial Analysis ●●●●○
Statistics ●●●●○
Machine Learning ●●●●○
Communication ●●●●●
Analytical thinking ●●●●●

about me

I am a problem solver. I am passionate about technology, interested in the financial markets, and have a degree in both. I have an analytical mind and am keen to apply that in any future challenge.

In my spare time, I am always up for sports, enjoy playing board games, and love the occasional drink with friends.

experience

- 2022–now **Senior Product Software Engineer, SA-CCR** Wolters Kluwer Financial Services, Ghent
Developing and maintaining the implementation of the Standardised approach for counterparty credit risk (SA-CCR). Our application offers banks either a standalone or SaaS solution for the SA-CCR calculations as defined by the Basel norms. Deployment is done using the wildfly application server. My responsibilities on the project include developing the calculations in Java and in a supporting 'DSL' language as well as supporting non technical team members. As the 'security champion' of the application I am also responsible for complying with the OWASP Application Security and Verification Standard.
- 2019–2022 **Product Software Engineer, Regulatory Reporting** Wolters Kluwer Financial Services, Ghent
Developing the "ETL" application that helps banks comply with their reporting obligations.
- 2018–2019 **Financial Analyst, Centre of Analytics** Cushman & Wakefield, London
Support clients in defining their real estate needs and evaluate their performance. Create bespoke models to benchmark their portfolio and assess different scenarios. Data and geographic analysis (commute analysis, mapping). Developed an optimal location analysis tool based on clustering techniques (KNN, Density Estimation). Provide overall financial support (Cash Flow, P&L, NPV, IRR) as well as calculating sensitivity on those.
- 2017–2018 **Junior Financial Analyst, Centre of Analytics** Cushman & Wakefield, London
See above.
- 03–05 2017 **Intern, Investment Advice** Deutsche Bank, Brussels
Assessed the opportunity to add geographic diversification to their online investment advice tool, based on an optimal portfolio strategy. Worked with the data team to automate data flows and checkpoints using VBA. Was offered a paid summer position to help with the launch of their online application.

education

- 2020-2024 **Bachelor in Applied Information Technology** University College Ghent
Mobile & enterprise development | Magna cum laude
- 2016-2019 **MSc in Business Administration** University of Ghent
Finance and Risk management | Magna cum laude
Disertation: Asset pricing models: do they fit out of sample? The case of Belgium.
- 2015-2016 **Linking course to MSc in BA** University of Ghent
Finance and Risk management | Distinction
- 2011-2015 **Bachelor in Business Management** University College Ghent
Finance and Risk management | With merit
- 2004-2010 **High School** DvM Humaniora Aalst
Science & Mathematics