
Skills & Interests

- Programming Languages: Python, Matlab, Java, bash. Programming Frameworks: TensorFlow, React, Django, Ionic
- Research Interest: Artificial Intelligence for Social Good

Achievements

- Belgian Champion Athletics – 1500m U20 – September 1, 2013
- Bachelor thesis – 16/20 (Top 10%, class of 2018) – June 2018
Generation of state-of-the-art images from a textual description using generative adversarial networks.

Work Experience

Machine Learning Consultant	Daydream	Jan 2019 – present
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- Provide value using state-of-the-art machine learning and software development practices.

Teaching Assistant	KU Leuven University	Sep 2018 – Dec 2018
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- Accommodated exercise sessions for the course on Principles of Computer Programming (G0N28A).

Research Intern	KU Leuven University	Aug 2018 – Sep 2018
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- Developed a system that automatically extracts keywords from a textual query (in one of 3 languages) by employing a state-of-the-art universal dependency parser (DRAGNN). These keywords are then used for retrieving relevant video content sourced from citizen journalists.

Software Development Intern	T-Mining	Feb 2017 – Aug 2017
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- Set up development operations: automated building and testing of 2 Node.js powered apps and 1 blockchain app on CircleCI from BitBucket repositories.
- Implemented new geolocation features, using the Ionic mobile app framework.
- Designed and added a new user interface for this mobile application for truck drivers, using Adobe XD. This enabled the startup to demo more of the app that improves security at the physical handover of containers in ports.

Software Development Intern	VikingCo	Jul 2016 – Sep 2016
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- Reduced duration of running test suites of the Mobile Vikings web platform by 40%, so developers lose less time and are encouraged to run tests often.
- Added features to "Django admin"-powered MVP for business support system of new premium app service, which sped up the development of this product.
- Implemented feature for existing Mobile Vikings product that enabled the company to generate detailed data about a subset of users and act on that new information.

Board Member	EMERGENT Leuven	Feb 2017 – Dec 2018
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- As board member and responsible for partner relations, I learned the subtleties of collaborating with clients and developing mutually beneficial partnerships.
- Received thousands of euros in funding for organizing events and teaching students about data science.

- Responsible for the organization of our Data 4 Good Challenge. This event gathers 125 students that work together in complementary teams on a data analytics case. This year's deliverables included data insights, visualization and a roadmap to tackle food insecurity.

Education

Leuven, Belgium

KU Leuven University

- (Sep 2018 – Jan 2019) Courses of MS in Mathematical Engineering, minor Machine Learning.
- (Sep 2014 – Sep 2018) BS in Computer Science, minor Business & Innovation
Thesis (top 10%, class of 2018): *Text-to-image translation using generative adversarial networks* under supervision of professor Marie-Francine Moens.
- (Sep 2012 – Jun 2014) Studied and trained at the Belgian high school for athletics, where I consistently finished among the top 5 national runners in competition and won the national championships in my main event, the 1500m.