

**Education**

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**Leuven, Belgium** **KU Leuven University** **Sep 2018 | Jun 2020**

- MS in Mathematical Engineering.
- Minor: machine learning.

**Leuven, Belgium** **KU Leuven University** **Sep 2014 | Jun 2018**

- BS in Computer Science.
- Thesis: *Text-to-image translation using generative adversarial networks* under supervision of professor Moens.
- Minor Business & Innovation: In a team of 5 science students, created and presented a business plan for valorising e-commerce research done at the Language Intelligence & Information Retrieval Lab.
- Credit contract for extracurricular master's course on Artificial Neural Networks (H02C4A).

**Hasselt, Belgium** **National High School for Top Athletes** **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
- Won the national championships in my main event, the 1500m.

**Work Experience**

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**Board Member** **EMERGENT Leuven** **Feb 2017 – Present**

Leuven, Belgium

- Interdisciplinary student organisation in Leuven, raising awareness about today's complex issues.
- I co-led the organisation of the Data 4 Good challenge 2017, which gathered over 100 students who worked in teams to analyse data and present insights on the global refugee crisis.
- I co-organise lectures and workshops on topics like big data, AI, medical engineering.

**Research Intern** **KU Leuven** **Aug 2018 – Sep 2018**

Leuven, Belgium

- I'm joining the LIIR lab as a research intern during summer to work on the Google DNI VeriFlix project (verify authenticity of user-generated video and retrieve relevant videos).

**Software Development Intern** **T-Mining** **Feb 2017 – Aug 2017**

Antwerp, Belgium

- Set up development operations: automated building and testing of 2 Node.js powered apps and 1 blockchain app on CircleCI from BitBucket repositories.
- 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 will improve security at the physical handover of containers in ports.

Hasselt, Belgium

- 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.

## Skills

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- Machine Learning (Artificial Neural Networks, Generative Adversarial Networks)
- Programming Languages: Python, Matlab
- Programming Frameworks: TensorFlow

## Projects

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- **Bachelor Thesis** ([https://www.researchgate.net/publication/325651632\\_Text-to-image\\_translation\\_using\\_generative\\_adversarial\\_networks\\_Dutch\\_only](https://www.researchgate.net/publication/325651632_Text-to-image_translation_using_generative_adversarial_networks_Dutch_only)) Text-to-image translation using generative adversarial networks. Python, TensorFlow, NVIDIA GTX Titan X