Joppe Geluykens

- Current research project: text to image translation using generative adversarial networks

- B.Sc. Computer Science student, minor Business & Innovation, at KU Leuven University — graduating June, 2018

- Broadminded. Excited about product, engineering, health and sports

- Interned as software developer at VikingCo and T-Mining, and as designer at CoolsConcepts

Culture

Enjoys working in an environment that meets the following, in no particular order:

- meaningful and challenging work is done,
- work impacts real people at large scale,
- team shares enthusiasm and ambition, and
- moving fast is celebrated & high quality standards are maintained.

Recommendations

- An Pirlot (Funcional Analyst, VikingCo)
  "I liked working with Joppe because he wasn't afraid to start working on something new. He quickly picked things up and was able to work independently on features."

- Niels Van Och (Software Engineer, VikingCo)
  "Joppe worked in my team as a jobstudent, and quickly positioned himself as a capable and reliable member of the group. I would not hesitate in bringing him on board as part of any software development team, as he displayed both technical and social skills that belied his age. "

Volunteer

EMERGENT 2017-02-01 — present
Board member.

Non-profit student organisation in Leuven, raising awareness about today's complex issues.

We organise lectures and workshops on topics like big data, AI, medical engineering, … .

In 2016, we held our first 'Data 4 Good Challenge' where participants were immersed in the world of data, got acquainted with the essentials of development aid, and received a crash course in business strategy and pitching.

2017's edition was all about the global refugee crisis and gathered over 100 students. I was responsible for promotion and the challenge itself which involved collecting relevant datasets from sources like UNHCR, World Bank and Eurostat.

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Research / career objective

Use artificial neural networks as a tool to tackle humanitarian and health challenges.

Work

DAYDREAM 2017-04-01 — present
Student Developer.

Taking on assignments that complement my educational interests and career goals.

T-MINING 2017-02-01 — 2017-08-01
Software Development Intern.

As an independent contractor at T-Mining, I was responsible for

- Setting up development operations. This included automated building and testing of 2 Node.js powered apps and 1 blockchain app (monax) on CircleCI.

- Implementing new geolocation features, using the Ionic mobile app framework.

- Designing and implementing 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.

VIKINGCO 2016-07-01 — 2016-09-01
Software Development Intern.

Internship with Belgian telco provider as Python Django software developer.

During my time at VikingCo, I completed the following:

- Reduce 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.

- Add features to "Django admin"-powered MVP for business support system of new premium app service, which sped up the development of this product.

- Implement 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.

COOLSCONCEPTS 2013-07-01 — 2013-08-01
Graphic Design Intern.

Education

KU LEUVEN UNIVERSITY 2014-09-01 — 2018-06-30
Bachelor's degree, Computer Science.

- Currently on research project for bachelor's thesis: translating text to image using generative adversarial networks.

- Next to the regular courses of the CS Bachelor's programme, I completed courses on innovation management and marketing thanks to the new (since class of '17) 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 by professor Moens.

TOP SPORTS HIGH SCHOOL (ATHLETICS)
2012-09-01 — 2014-06-30
High school.

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.