

# Ing. Jelle Meeus

## PERSONAL DETAILS

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<i>Location</i>	2580 Putte
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<i>Mail</i>	jelle.meeus@hotmail.com
<i>Languages</i>	Dutch (mother tongue), English (fluent)
<i>Driver's License</i>	B

## EDUCATION

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Master in de industriële wetenschappen, elektronica-ICT

2018

*Katholieke Universiteit Leuven - Campus De Nayer - Sint-Katelijne-Waver*

## MASTER THESIS

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Continuous unobtrusive user authentication using gait for wearable devices, utilising machine learning algorithms

*OneSpan (formerly Vasco)*

Using sensors on a smartwatch or smartphone, we can capture the way a person walks. This pattern can be used to authenticate a user without explicit input.

## WORK EXPERIENCE

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Machine learning algorithms student

4 weeks  
summer 2017

*OneSpan*

Developed a demo allowing recording and analysis of gait data on an **Android** wearable device.

Junior Software Engineer

Nov 18 - Feb 19

*Sioux Embedded Systems*

I was part of a customer's internal R&D team migrating Version Control Systems (**VCS**) from **Perforce** to **Git**. A large part of my project was to write tools with existing and new features using **Python** and **Gitlab** API. Using the same API, I setup a R&D Internal website to provide an overview of projects that updates nightly. I did smaller IT related tasks, such as setting up automated backups of firewall settings and **Jenkins** configurations. Also, I wrote some automated tests in an in-house testing framework.

## TECHNICAL SKILLS

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<i>Languages</i>	<b>Python</b> , <b>C</b> , <b>Java</b> , 8051 Assembly, Verilog, PL/SQL, HTML/CSS, MATLAB, PHP
<i>Software</i>	<b>VCS</b> (Git, Perforce), <b>Gitlab</b> , <b>CI</b> , Docker, Jenkins, Jira, VIM, Java EE/Spring, Android Studio, Visual Studio, scikit-learn

## PROJECTS

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Personal discord weatherbot (Python, CI)

<https://github.com/jelle-m/personal-discord-weatherbot>

Receive automated weather updates through push notifications on desktop/mobile.