

Ing. Jelle Meeus

PERSONAL DETAILS

<i>Location</i>	2580 Putte
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<i>Languages</i>	Dutch (mother tongue), English (fluent)
<i>Driver's License</i>	B

EDUCATION

Master in de industriële wetenschappen, elektronica-ICT

2018

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

MASTER THESIS

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

OneSpan

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

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

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

PROJECTS

Personal discord weatherbot (Python, CI)

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

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