Klaas Goethals

Curriculum Vitae

Contact
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Info
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Date of birth: 09/06/2000
Driver license: B
Languages: Dutch, English, French

I am a skilled developer who achieves fast and complete results. Assign me a task and you know it will be done well. I'm also a good colleague that will try to help the team whenever possible. In my free time, next to running and cycling, I've done multiple embedded hobby projects I would love to tell you more about.

Experience

2023-now	**Firmware engineer**, *Sensolus*, C, Embedded software, Zephyr RTOS, IoT, BLE, electronics.	
2023 Four weeks	**Firmware engineer intern**, *Sensolus*, C, Embedded software, Zephyr, RTOS.	
2022 Four months	**Python programming coach student job**, *Ghent university*, Coaching exercise sessions in the Programming course, given to first year university students at the faculty of Sciences.	
2022-2023	**Treasurer**, *Zeus WPI*, Treasurer of the student association for Computer Science at Ghent University.	
2021 Five weeks	**Software engineering student job**, *MEET HET*, Python (Flask), JavaScript.	
2020 One month	**Web developer student job**, *IDLab (UGent - imec)*, Full stack - JavaScript., The development of a Solid app prototype.	

Education

2021–2024	**Master of Science in Computer Science**, *Ghent University*.
2019–2021	**Honours programme 'Quetelet Lectures'**, *Ghent University*, Extrucurricular programme with lectures on science, culture and society.
2018–2021	**Bachelor of Science in Computer Science**, *Ghent University*, Graduated with distinction.

Skills

- C, C++, Embedded programming, RTOS
- Drivers for diverse sensors, Bluetooth, WiFi and LTE communication
- Automation and scripting with Python and Bash
- Java and Python web backend applications

More

- Git, Jenkins
- Robot Operating System (ROS)
- Databases, SQL
- Winner of **Belgian Defence's Battlefield of Things Hackathon**
- Finalist of **Cyber Securty Challenge Belgium**
- 2nd place **N5 Tech Challenge**
- Linux, Bash, Docker, system administration
- JavaScript scripting and webdevelopment
- CAD basics in OpenSCAD