

# Klaas Goethals

## Curriculum Vitae

### Contact

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### Info

<https://klaasgoethals.be>

Date of birth: 09/06/2000







Drivers license: B

Languages: Dutch, English, French



*I am a skilled developer that 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            | <b>Firmware engineer</b> , <i>Sensolus</i> ,<br>C, Embedded software, Zephyr RTOS, IoT, BLE, electronics.  |    |
| 2023<br>Four weeks  | <b>Firmware engineer intern</b> , <i>Sensolus</i> ,<br>C, Embedded software, Zephyr, RTOS.   |    |
| 2022<br>Four months | <b>Python programming coach student job</b> , <i>Ghent university</i> ,<br>Coaching exercise sessions in the Programming course, given to first year university students at the faculty of Sciences. |    |
| 2022-2023           | <b>Treasurer</b> , <i>Zeus WPI</i> ,<br>Treasurer of the student association for Computer Science at Ghent University.   |   |
| 2021<br>Five weeks  | <b>Software engineering student job</b> , <i>MEET HET</i> ,<br>Python (Flask), JavaScript.   |  |
| 2020<br>One month   | <b>Web developer student job</b> , <i>IDLab (UGent - imec)</i> ,<br>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*,  
Extracurricular programme with lectures on science, culture and society.
- 2018–2021 **Bachelor of Science in Computer Science**, *Ghent University*,  
Graduated with distinction.
- 2012–2018 **Latin-mathematics**, *Sint-Godelievecollege Gistel*.

## 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   | ○ Linux, Bash, Docker, system administration |
| ○ Robot Operating System (ROS)                                       | ○ JavaScript scripting and webdevelopment    |
| ○ Databases, SQL   | ○ CAD basics in OpenSCAD                     |
| ○ Winner of <b>Belgian Defence's Battlefield of Things Hackathon</b> |  |
| ○ Finalist of <b>Cyber Securty Challenge Belgium</b>                 |  |
| ○ 2nd place <b>N5 Tech Challenge</b>                                 |  |