

Leander Hendrikx

I'm currently working as a Development Manager at BlooLoc, overseeing the design, development, and deployment of YooBeeEye while also still doing a bit of development.



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Experience

2022 - present Development Manager - [BlooLoc](#)

I lead and mentor a team of software engineers, helping them deliver projects effectively and maintain high-quality work. I focus on setting clear goals, supporting growth, and creating a team environment where engineers can do their best work. I also work with stakeholders to make sure our technical solutions align with business needs, manage priorities, and look for ways to improve how the team works.

2020 - present Software Engineer - [BlooLoc](#)

I led the design and development of a 3D mapping solution for large venues, capable of mapping over 100,000 m² unsupervised in just a few hours.

2020 - 2024 Tutor - [Bijleshuis](#)

I helped students with software development and project management.

2018 - 2020 Software Engineer @ [Guardsquare](#)

I worked on iXGuard and bitGuard, developing reverse-engineering and security tools with C++14/17 and LLVM for macOS and iOS.

2017 - 2018 Software Engineer @ [Nobel Biocare](#)

Software engineer for the DTX Suite products. Keywords: Qt, C++

Personal Projects

A mach-O function hooking tool [leanderhendrikx/weedless](https://github.com/leanderhendrikx/weedless)

A Raspberry Pi port of the Adafruit ADS1X15 driver

[leanderhendrikx/Adafruit ADS1X15 Pi](https://github.com/leanderhendrikx/Adafruit-ADS1X15-Pi)

Competitions

2017 Cyber Security Challenge Belgium Finals: 7th place

2015 Vlaamse Programmeerwedstrijd: 1st place

<https://www.vlaamseprogrammeerwedstrijd.be/2015/uitslag/Cat-3.html>

2014 Vlaamse Programmeerwedstrijd: 2nd place

<https://www.vlaamseprogrammeerwedstrijd.be/2014/uitslag/Cat-3.html>

Education

2015-2017 Master of Science (M.Sc., Magna cum laude), Computer Science - Vrije Universiteit Brussel

2016-2017 Erasmus+ exchange - Chalmers University of Technology

2012-2015 Bachelor of Science (B.Sc.), Computer Science - Universiteit Hasselt

Publications

Distributed barcode tracking in visual sensor networks

During my masters degree, I had the opportunity to publish and present my work at IEEE Sensors 2017. <https://doi.org/10.1109/ICSENS.2017.8234160>

A Low-Power Distributed Visual Sensor Network for Real-Time Barcode Localization and Identification

A follow-up paper on 'Distributed barcode tracking in visual sensor networks'.

<https://doi.org/10.3390/s22041433>
