

Dylan Van Assche

1800 Vilvoorde
Belgium
☎ +32 472 246 280
✉ dylan.van.assche@protonmail.com
🌐 www.dylanvanassche.be
👤 DylanVanAssche

Education

- 2018– **Master in Industrial engineering: electronics-ICT**, *De Nayer (KU Leuven)*, Sint-Katelijne-Waver.
Higher education (master ICT)
- 2015–2018 **Bachelor in Industrial engineering: electronics-ICT**, *De Nayer (KU Leuven)*, Sint-Katelijne-Waver.
Higher education (bachelor)
- 2009–2015 **Mathematics-Science**, *Het Atheneum*, Vilvoorde.
Secondary school

Experience

Vocational

- 2018 **Software engineer**, *IDLab*, Ghent.
Creating a footpath routing prototype using the Connection Scan Algorithm for the Open Planner Team.
- 2018 **Student coach & back-end developer**, *Open Knowledge Belgium*, Brussels.
Helping Flemish cities to publish their data as Linked Open Data through the Smart Flanders program (open Summer of code 2018).
- 2017–2018 **Software engineer**, *KU Leuven*, Sint-Katelijne-Waver.
Building an autonomous drone for the Dassault UAV Challenge (bachelor thesis).
- 2017 **Hardware developer**, *Open Knowledge Belgium*, Brussels.
Creating a solar powered bird watcher for Digipolis Ghent (open Summer of code 2017).

Miscellaneous

- 2013–2016 **Food service worker**, *OCMW Vilvoorde*, Vilvoorde.
Preparation and service of food and drinks to the residents (student job).

Extracurricular activities

- 2016– **Student representative**, *KU Leuven*, Sint-Katelijne-Waver.
Representing the students during the Education Committee.

Skills

- | | |
|---------------------|--|
| Reverse engineering | HTTPS API analysis |
| App development | ANSI C, Qt C++ & QML, Java, OpenGL, OpenCL, OpenCV |
| SOC development | Arduino, VHDL, Assembly, Siemens PLCs |
| PCB development | Eagle PCB, KiCAD |

Web development	HTML, CSS, Python, PHP, JEE, XML, Vanilla Javascript, NodeJS, AJAX, Oracle SQL, Linked Open Data
Testing & QA	Gitlab CI, CircleCI, Travis CI, Python unittests and coverage, QTest
Documentation	LaTeX, Markdown, Pydocs
Operating systems	Sailfish OS, Ubuntu, OpenSUSE Leap, Windows XP, 7, 10 & Server 2012

— Languages

Dutch	mother tongue
English	business level
French	beginner level

— Work ethics

- Team player
- Independent
- Thinking outside the box