

Dylan Van Assche

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📍 DylanVanAssche

Education

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

Experience

Vocational

- 2016– **Student representative**, *KU Leuven*, Sint-Katelijne-Waver.
Representing the students during the Education Committee.
- 2017 **Hardware developer**, *Open Knowledge Belgium*, Brussels.
Creating a solar powered bird watcher for Digipolis Ghent (open Summer of code 2017).
- 2017–2018 **Software engineer**, *KU Leuven*, Sint-Katelijne-Waver.
Building an autonomous drone for the Dassault UAV Challenge (bachelor thesis).
- 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).
- 2018 **Software engineer**, *IDLab*, Ghent.
Creating a footpath routing prototype using the Connection Scan Algorithm for the Open Planner Team.

Miscellaneous

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

Skills

- Reverse engineering HTTPS API analysis
- App development ANSI C, Qt C++ & QML, Java, OpenGL, OpenCL, OpenCV
- SOC development Arduino, VHDL, Assembly, Siemens PLC's
- 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