

Dylan Van Assche

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Education

- 2009–2015 **Mathematics-Science**, *Het Atheneum*, Vilvoorde.
Secondary school
- 2015– **Industrial engineering: electronics-ICT**, *De Nayer (KU Leuven)*, Sint-Katelijne-Waver.
Higher education (3rd bachelor ICT)

Experience

Vocational

- 2016–2018 **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).

Miscellaneous

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

Skills

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|---------------------|---|
| Reverse engineering | HTTPS API analysis |
| App development | ANSI C, Qt C++ & QML, Java, OpenGL, OpenCL |
| SOC development | Arduino, VHDL, Assembly, Siemens PLC's |
| PCB development | Eagle PCB, KiCAD |
| Web development | HTML, CSS, Python, PHP, XML, Vanilla Javascript, NodeJS, AJAX, Oracle SQL |
| Testing & QA | Gitlab CI, CircleCI, Travis CI, Python unittesting and coverage |
| 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