



# Charles Vandevoorde

SOFTWARE ENGINEER MASTER STUDENT

☎ (+32) 479/01.60.80 ✉ charles.vandevoorde@hotmail.be 🏠 charlesvdv.github.io 📷 charlesvdv 📺 charlesvdv

## Education

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### ECAM

MASTER'S DEGREE, SOFTWARE ENGINEERING

- First year of master's grade: 85.22%

*Brussels, Belgium*

*2016 - 2018*

### ECAM

BACHELOR DEGREE, COMPUTER AND ELECTRICAL SCIENCE

- Grade: 81.3% (High Honors)

*Brussels, Belgium*

*2013 - 2016*

## Experiences

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### Université Catholique de Louvain

MASTER THESIS

Research and implement a new protocol to decrease latency inside a partially replicated state machine by combining two state of the art ordering protocols.

*Louvain-La-Neuve, Belgium*

*November 2017 - June 2018*

### Thales

INTERNSHIP

Development of an unique device identification library in C++.

*Tubize, Belgium*

*September, October 2017*

### Iba

SUMMER INTERN

- Converting a optimization spreadsheet into a webapp using Angular and Python.
- Prototype a static site/pdf generator for process specific documentations.

*Louvain-La-Neuve, Belgium*

*July 2017*

### Odoo

SOFTWARE R&D INTERN

Contributed in an hybrid Android application development to make the Odoo webapps feels more native on mobile.

*Grand-Rosières, Belgium*

*February, March 2016*

## Projects

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### Eurobot

PARTICIPANT

- Created the architecture for the high-level robot control.
- Developed the robot's motors regulation.
- Developed the map representation and the path finding implementation (Python).

*Brussels, Belgium*

*2017*

### Shell Eco-Marathon

PARTICIPANT

- Modified the embedded code controlling the car's engine.
- Developed an Android application to log the race information.
- Developed a Javascript webapp to display race information on a map and on graphics.

*Brussels, Belgium and London, UK*

*2016*

## Skills

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**Languages** Python, C, C++, C#, Java, Javascript, HTML, Go, Rust, SQL, LaTeX, Javascript

**Libraries** React (Javascript)

**SDK/Frameworks** Android (Java), Angular (Javascript)

**Tools** Git, Docker, Vim

**OS** Linux, UNIX

## Languages

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**French** C2 (Native)

**English** B2 (Upper intermediate)