






# Flor Sanders


An ambitious and dynamic engineer with a broad technical background, who is on a mission to solve real-world practical problems using innovative technologies.

www.florsanders.be 

me@florsanders.be 

0479873490 

Halle, Belgium 

July 6, 1999 

Driver license B 

## Education

**Msc. electrical engineering** 2023 - 2024  
Columbia University

**MSc. electrical engineering: CIT** 2020 - 2023  
Ghent university  
*Summa cum laude - GPA: 908/1000*

**BSc. electrical engineering** 2017 - 2020  
Ghent university  
*Summa cum laude - GPA: 862/1000*

**Mathematics-science** 2011 - 2017  
Sint-Victor Alseberg

## Work Experience

**Freelance engineering consultant** 2022 - 2023  
Heliovision / Botko  
Integrated industrial robotics with machine vision algorithms for automation and quality assurance projects.

**Freelance full-stack web developer** 2021 - 2022  
Crunch Analytics / Alert! Opleidingen  
Built a full-stack webapp to manage, create, send and analyze surveys using React, GraphQL and Node.js.

**Freelance full-stack web developer** 2021  
Redpencil.io  
Resolved technical debt in Ember.js projects powered by semantic data models for the Flemish government and Wageningen UR.

**Research intern** 2020  
District09  
Researched the use of Solid Pods to store IoT sensor data in a distributed network.

**On-demand 3D printing service** 2016 - 2018  
Self-employed  
Offered an on-demand 3D printing service on the 3D hubs platform with a focus on affordable prices, happy clients and rapid turnovers.

## Languages

**Dutch:** Native speaker

**English:** Full professional proficiency

**French:** Professional working proficiency

## Extracurricular Activities

**Assistent chef course** 2022 - 2023  
CVO Gent

**Student representative** 2019 - present  
UGent

**Student startup trip** 2021  
AFT Leuven

**Praesidium member** 2020 - 2021  
VTK Gent & FRiS

**Cook & kitchen chef** 2015 - 2021  
Clip Taalvakanties

**Seeds for the future programme** 2019  
Huawei

## Skills

### Electrical engineering

Keysight ADS CST Studio Suite Xilinx Vivado Eagle PCB  
KiCad Arduino Soldering Measurements & Analysis

### Software development

Python JS HTML CSS React Ember.js Node.js  
Solid SQL GraphQL SPARQL Scikit-learn OpenCV  
Pandas Spark

### 3D printing

Autodesk Fusion 360 PrusaSlicer Ultimaker Cura

### Tooling

Linux Git Github actions Docker VS Code Latex  
Markdown