

Diego Van Overberghe

*Motivated Engineering
Student at Imperial
College London*

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Intellectually very curious, I am a quick learner and have taught myself how to program in C++ and HTML. I'm generally very interested in understanding how things work, ranging from macroeconomics to scientific subjects. I am now studying Electrical and Electronic Engineering at Imperial College London.

I am passionate about ultra-realistic computer simulators (e.g., piloting an Airbus A320 on Lockheed Martin's Prepar3D software), which gives me a unique insight into how the details of what is often hidden behind the flight deck door. I'm also a native speaker of English and French, and studied Spanish many years.

Education

2021–present **MEng, Imperial College London**, London, UK

Electrical and Electronic Engineering.
Expected graduation in 2025.

2014–2021 **Baccalauréat Général, Lycée Français Charles de Gaulle**, London, UK, Grade: 93.6%

Spécialités (Specialisations): Mathematics, Physics & Chemistry

1 of 16 students selected to take part in an international 2-month exchange programme — attending Lycée Français Louis Pasteur in Bogota, Colombia in April–May 2019.

Extra-Curricular

- Completed a two-week internship at PLP Labs, a team within the experts at PLP Architecture, whose large projects include 22 Bishopsgate, the tallest skyscraper in the City of London, or the Nova Victoria development at the heart of Victoria. PLP Labs's objective is to develop smarter buildings using innovative techniques such as machine learning. My work focused on the theme of the "Future of Education", and how a school could look like in the future.
- Avid piano player, successfully passed Grade 5 Music Theory (summer 2017) and Grade 5 Piano, with Distinction (summer 2019).
- Working knowledge of C++, HTML, CSS and \LaTeX , all self-taught.
- Developed a website with a group of friends which converts assembly code to machine code for our coursework. This website was endorsed by our Professor who recommended the tool to the cohort (120+ students).
EIEBOX (<https://eiebox.dev/>)
- Participated in the 2020 Astro Pi competition, organised by the ESA, where we wrote a program that was run on a Raspberry Pi onboard the ISS to gather data in order to perform an experiment. Developed a website (<https://astropi.diegovano.com/>) to overlay data captured onto a map.
- Underwent two A320 Flight Simulator individual training sessions in full motion training simulators courtesy of Avenger Flight Group (<https://www.afgsim.com/>) in Fort Lauderdale, USA (October 2018).
- Enjoy alpine skiing, cycling and tennis.
- Duke of Edinburgh Award Bronze