

Lucas V. dos Santos

MSC STUDENT IN AEROSPACE ENGINEERING - CONTROL & SIMULATION

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Education

MSc in Aerospace Control & Simulation

DELFT UNIVERSITY OF TECHNOLOGY

- Relevant Coursework: Automatic Flight Control Systems, Intelligent Control Systems, and Stochastic Aerospace Systems.

Sep. 2021 - Current

Delft, The Netherlands

BSc in Aerospace Engineering

DELFT UNIVERSITY OF TECHNOLOGY

- Relevant Coursework: Signal Analysis and Telecommunication Principles, Aerospace Systems and Control Theory, and Simulation, Verification & Validation
- Completed a minor in Computer Science with an 8.4 GPA
- Designed a spacecraft's control subsystem in a group of ten students for the graduation project, awarded a 9.3 score and 2nd place in the TU Delft Design/Synthesis symposium.

Sep. 2018 - Sep. 2021

Delft, The Netherlands

High School

COLÉGIO PEDRO II

- Admitted with a full scholarship based on a selective entry exam

Feb. 2012 - Mar. 2015

Rio de Janeiro, Brazil

Experience

Logistic Assistant

OLYMPIC BROADCASTING SERVICES (OBS)

- Worked as a freelancer during the 2016 Olympic Games in Rio de Janeiro.
- Planned the transportation and meal logistics of an Olympic Games' filming crew.

Jul. 2016 - Aug. 2016

Rio de Janeiro, Brazil

Extracurricular Activity

Recovery simulations Engineer

DELFT AEROSPACE ROCKET ENGINEERING (DARE)

- Developed a wind tunnel simulator in Python and C++ focused on the effects of in-flight parachute deployment.
- Provided direction and set goals for a team of two developers. Organized and hosted meetings to track the development progress.

Sep. 2020 - Jul. 2021

Delft, The Netherlands

Skills

Languages	Portuguese (Native), English (Proficient), Dutch (Basic)
Programming	Python, C++, Simulink, MATLAB, Flask, Django, HTML, CSS, JavaScript
Tools	CATIA, Git, Photoshop, Illustrator, MS Office, LaTeX, Markdown
Interests	Programming, simulations, photography, design, board games