

LUCAS VIEIRA DOS SANTOS

Zuideinde 27 • Landsmeer, 1121 CJ • l.vieiradosantos@student.tudelft.nl • +31 6 11220848

Hard-working Aerospace Engineering student ready for an engineering internship. Personal interest in aerospace design, programming, and simulations; motivated by working in a team.

EDUCATION

MSc Aerospace Control & Simulation

Delft, NL

Delft University of Technology

Sep 2021 – Current

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

BSc Aerospace Engineering

Delft, NL

Delft University of Technology, GPA 8.0

Sep 2018 – Sep 2021

- 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.

BSc Mechanical Engineering (*incomplete*)

Rio de Janeiro, BR

Universidade do Estado do Rio de Janeiro (UERJ), GPA 8.63

Aug 2015 – Aug 2017

- Studies were frozen due to emigration to the Netherlands

High School

Rio de Janeiro, BR

Colégio Pedro II , GPA 8.16

Feb 2012 – Mar 2015

- Admitted with a full scholarship based on a selective entry exam
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LEADERSHIP & ACTIVITIES

Recovery simulations Engineer

Delft, NL

Delft Aerospace Rocket Engineering (DARE)

Sep 2020 – Jul 2021

- 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.
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EXPERIENCE

Logistic Assistant

Rio de Janeiro, BR

Olympic Broadcasting Services (OBS)

Jul 2016 – Aug 2016

- 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
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SKILLS & INTERESTS

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, video, board games