

DANIEL HERALDO CERTUCHE GRUESO

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PERSONAL PROFILE

As a ninth-semester undergraduate student of Astronomy at the University of Antioquia, I am driven by a passion for science, languages, and programming. I am eager to leverage the expertise gained through my academic journey and personal initiatives to contribute to impactful data analysis and programming projects. With strong problem-solving skills and a fast-learning approach, I thrive on setting and surpassing goals. I am dedicated, focused, and skilled at delivering effective solutions swiftly and efficiently.

EDUCATION

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| 2016 – Present | University of Antioquia
B.S. in Astronomy
Relevant Courses: Planetary sciences, Stellar Astrophysics, Celestial Mechanics, Geophysics, Data Analytics with AI. |
| 2021 – 2022 | <i>Metropolitan Institute of EducationIME</i>
Full stack developer - Junior level |
| 2022 | <i>University of Caldas</i>
International summer course on field volcanology |
| 2022 | <i>Leiden Observatory (Netherlands)and the University of Antioquia (Colombia)</i>
Astronomy Twinning Program
Courses: An approach to exoplanet formation using ALMA images and an approach to the long-term impact of astronomical research. |

PROFESSIONAL APPOINTMENTS AND TEACHING EXPERIENCE

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| 08/2019 – 06/2022 | Science Communicator
<i>Parque Explora</i> <ul style="list-style-type: none">• Taught face-to-face: taught daily workshops in different areas of the museum and the planetarium of Medellín.• Audience management in projects such as comfama inspiration. |
| 2023 - Present | Researcher
<i>Institute of Physics, University of Antioquia</i>
Group for Computational Physics and Astrophysics (FACOM) |

LANGUAGE & ADDITIONAL SKILLS

English – B2 Upper Intermediate
MS Office (Word, Excel, Outlook, Powerpoint, Access)
Database Management (MySQL, SQL)
Software Skills. Java, JavaScript, Python.
Web (HTML, CSS)