

DANIELA SANTOS BURGOA JOURDAIN

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EDUCATION

Texas A&M University, College Station, Texas August 2021 - May 2024
Bachelor of Science in Computer Science
GPA: 3.81/4.0
TAMU Hack: 3rd place out of 150+ teams. Awards: University Honors Distinguished Student

University College London, London, United Kingdom July 2022 – August 2022
Health Data Science and Data Analytics for Healthcare

Ursuline Academy of Dallas, Dallas, Texas August 2018 - May 2021
GPA: 4.29/4.0 | SAT 1500
National Merit Commended Scholar, Hispanic National Merit Scholar, American Mathematics Competition 10 School Winner, Physics Academic Award. President of French Honors Society.

EXPERIENCE

Data Analytics Intern, Dallas, TX May 2022 – Present
Pediatric Associates, MDMG Medical Group

- Developed machine learning algorithm to reduce processing time of data upload to server by 65%.
- Improved probability of high-quality data and established more professional data validation standards with Python libraries - Pandas, Pandera, and Numpy.

Undergraduate Research Assistant, College Station, TX January 2022 – Present
Aggie Research Scholars, Texas A&M University

- Developed Python User Interface compatible with Raspberry Pi and gathered information in Firebase database.
- Managed communication between user and administrator through Firebase database.

Social Media Intern, Washington, DC May 2020 – August 2020
Museum of Science Fiction

- Increased brand awareness by 150% by promoting museum's online convention on Instagram and Twitter.
- Tracked social media engagement to identify high-performing ideas for future campaigns and retained brand engagement by creating and scheduling posts for the next 300 days.

VOLUNTEER WORK

Engineers Without Borders September 2021 – Present

- Developed and implemented construction plan for park with pergola structure for community of low-income workers at Texas A&M University.

SKILLS & ACTIVITIES

Technical skills: Python, C++, Java, C, JavaScript (React), Linux/Unix, Scheme, SQL, HTML, CSS.
Languages: Spanish (fluent). French (proficient).
Other: Engineering Honors, University Honors, TRAC Running Club, Society of Hispanic Professional Engineers (SHPE).