Maria Teresa Tomé

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EDUCATION

Columbia University | B.A. Candidate in Computer Science and Visual Arts   Expected May 2022
- Relevant Coursework: Data Structures, Artificial Intelligence, Machine Learning, Databases

American High School of Tegucigalpa | US High School Diploma, IB Diploma   May 2018

SKILLS

- **Programming:** Java, Javascript, Python, C/C++, R, MatLab, SQL, HTML/CSS, Git, Linux
- **General:** Fluent Spanish, Basic German, Adobe Illustrator, Adobe Photoshop, Social Media, LaTex Microsoft Office

RELEVANT EXPERIENCE

Full Stack Engineer, Mi Tribu   May 2021 - Present
Columbia Build Lab | New York, NY | Santiago, Chile
- Lead development and implementation of back-end REST framework API for the mobile app including user authentication login and registration and personalized user content
- Lead development and implementation of front-end interface for product development in Spanish using React.js
- Contributed to full product development of weekly automatized newsletter for pregnant women in Latin America implemented with Django, Heroku, and Sendgrid

Peer Leader, Emerging Scholars Program   January 2020 - Present
Computer Science at Columbia University | New York, NY
- Mentored and teach underclassmen the theory, scope, and applications of computer science.
- Responsibilities include weekly emails and meeting regularly with the ESP team to debrief, evaluate, and improve materials.
- Developed from scratch a new website for the program as well as new resources for both students and educators in the program.

Backend Engineer, NabNew   June 2021 - September 2021
Columbia Startup Lab | New York, NY
- Optimized and maintained product web scrapers in C#
- Created scripts and personalized content for users using Mailchimp API, MySQL and front-end design

Data Science Research, Rax Research Lab   April 2021 - August 2021
Universidad Adolfo Ibáñez | Santiago, Chile
- Researched, processed, and created tools to analyze and understand data dating to 2012 of the ALMA telescope
- Researched and implemented unsupervised machine learning models for fault detection of the antennas of the ALMA telescope

Undergraduate Teaching Assistant   August 2020 - December 2020
Computer Science at Columbia University | New York, NY
- Assist Professor Cannon with classroom instruction, exam proctoring, and record-keeping in an introductory computer science course
- Deliver recitations, hand out assignments, and grade homework, exams, and papers. Meet with students in office hours and correspond with them accordingly.

ADDITIONAL EXPERIENCE

E-Board President, Ferris Reel Film Society   September 2018 - Present
Columbia University | New York, NY
- Oversee, manage and lead operations and weekly meetings for the executive board of committee heads and lead the development of new general body with 50+ members to be more inclusive and generate a stronger community through film
- Plan and publicize recruitment events, university-wide screenings, and arrange use of facilities and budget allocation

Building Manager, Dodge Physical Fitness Center (DFC)   September 2019 - Present
Columbia University Athletics | New York, NY
- Ensure smooth operations of Fitness Center service, implement COVID-19 guidelines and create a clean and safe gym environment. Directly responsible for supervising and upkeeping inventory, maintenance, cleanliness, facilities, scheduling, and over a dozen student workers.

Chapter Vice President, Theta Delta Chapter of Sigma Lambda Gamma National Sorority Inc.   December 2020 - Present
Columbia University | New York, NY