MARÍA PAULA MORA

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EDUCATION

Dartmouth College, Hanover, NH   **Jun 2022**
Bachelor of Arts (BA)   **GPA 3.96/4.0**
- Major: Computer Science Modified with Digital Arts, Minor: Human-Centered Design
- Honors: Summa Cum Laude, 11 Citations for Academic Excellence, Phi Beta Kappa

SKILLS

Computer Languages:	Python, Java, C, C++, C#, Shell Programming, SQL, JavaScript, HTML, Objective-C, Swift, React, GraphQL, SQL, Terraform, Typescript and CSS
Other Technical Strengths:	Autodesk Maya, MNE analysis, Machine Learning, Virtual Reality, Unity, Figma, Xcode, Git, Linux, Docker, Hasura, and Amazon Web Services (AWS)
Languages:	Spanish (Fluent), English (Fluent), and French (Proficient)

WORK EXPERIENCE

Iterative Health., Cambridge, MA
Full Stack Software Engineer II   **Mar 2024 - Present**
- Building an in-house platform with two main functions: labeling colonoscopy videos and automating the collection and analysis of patient records.
- Automating the process of gathering and analyzing patient records to speed up the creation of Clinical Study Reports to identify patients who are more likely to qualify for trials, which will help increase the number of participants.

Backend Software Engineer I   **Jan 2023 - Mar 2024**
- Deployed AWS services like Lambdas and Step Functions using Terraform to upgrade the video ingestion pipeline which achieved a 90% reduction in missed videos and increased the identification rate of corrupted videos by 30%.
- Designed databases for the secure storage of both PHI (Protected Health Information) and non-PHI data, prioritizing compliance with HIPAA and SOC 2 regulations for patient data privacy storage.

Facebook Inc., Cambridge, MA
Software Engineer   **Sep 2022 - Nov 2022**
- Worked with the Connectivity Partner Impact team in Front-end web portal development to increase partner revenue.
- Developed a responsive landing page with 5 real-time updated data visualization components using React and GraphQL.

Software Engineer Intern   **Jun 2021 - Sep 2021**
- Designed a new log upload system in C++ for WhatsApp iOS Mobile team, meeting Apple's requirements for iOS 15.

DALI (Digital Applied Learning and Innovation) Lab, Hanover, NH
UI/UX Designer   **Mar 2021 - Jun 2021**
- Developed a digital platform to teach Dartmouth's Full-Stack Web Development class, boosting student enrollment by 10x.

Dartmouth College - Computer Science Department, Hanover, NH
James O. Freedman Presidential Scholar Research Assistant   **Sep 2020 - Jun 2021**
- Developed a machine-learning algorithm achieving 93% fidelity in classifying unknown virtual microstructures.

Dartmouth College – Psychology Department, Hanover, NH   **Sep 2019 - Sep 2020**
Sophomore Scholars Research Assistant
- Studied the effects of a VR stimulus on the human brain using Unity3D and analyzed 300+ data sets from EEG studies using MATLAB for Machine Learning applications.

Compartamos la Mesa, San José, Costa Rica
Co-Founder of Campaign   **Apr 2016 – Jan 2022**
- Successfully introduced a bill to Costa Rican Congress to construct a non-profit route for food donation.
- Gathered the endorsement of over 10 congressmen including the country's vice president at the time, Ana Helena Chacón.

ADDITIONAL INFORMATION

Activities:	Dartmouth's Admissions Ambassador Program, Helping teach English at Centro Educativo Santa María
Interest:	Painting, Drawing, Skiing, Dog Sitting, Travelling, Baking, Reading