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.

SKILLS

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

WORK EXPERIENCE

Iterative Health., Cambridge, MA
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%, while ensuring complete failure recovery without manual intervention.
- Pioneered CloudWatch Monitoring system, ensuring real-time system health monitoring across the pipeline.
- Designed databases for storage of PHI and non-PHI information for videos.

Full Stack Software Engineer II   **Mar 2024 - Present**
- Transitioned to a new role building an in-house annotations system for high-quality labeling of colonoscopy videos.

Facebook Inc., Menlo Park, CA
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

Achievements:	Phi Beta Kappa, 2021 Code 2040 Fellows Finalist, Treasurer of LASA, Housewoman for Sigma Delta
Activities:	Coder Dojo, Women in Computer Science, Templating & Layout at The Dartmouth, Rewriting the Code Member
Interest:	Painting, Drawing, Skiing, Travel, Baking, Digital Design, Animation, Reading