MARÍA PAULA MORA

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EDUCATION

THE WHARTON SCHOOL, UNIVERSITY OF PENNSYLVANIA   **Philadelphia, PA**
Master of Business Administration Candidate; Major in Operations, Information and Decisions   **2025-2027**
Leadership: VP of Innovation, AI & Analytics Club; leading curriculum design and launch of Wharton AI Product Manager Training Program expected to train 30+ MBA students in AI native product frameworks in partnership with faculty and industry leaders.
Active Memberships: Technology Club, Women in Business Club, Latin American Student Association, Consulting Club, Food Club.

DARTMOUTH COLLEGE   **Hanover, NH**
Bachelor of Arts (BA), Major in Computer Science Modified with Digital Art, Minor in Human-Centered Design   **2018-2022**
GPA and Awards: 3.96/4.0, Summa Cum Laude, Phi Beta Kappa.
Honors: 11 Citations for Academic Excellence, James O. Freedman Presidential Scholar, Rufus Choate Scholar.
Activities: UI/UX Designer at DALI, Research Assistant at Computer & Psychology Departments, Teaching Assistant for Digital Animation, 3-D Digital Modeling, Intro to Computer Programming, Coder Dojo, Women in Computer Science, Rewriting the Code Fellow.

EXPERIENCE

ITERATIVE HEALTH, PLATFORM TEAM   **Cambridge, MA**
Full Stack Software Engineer II   **2024-2025**
- Launched 5+ patient-record ds end-to-end by gathering requirements directly from stakeholders, defining and executing test strategies, coordinating user acceptance testing, and demoing updates to senior leadership to guarantee product readiness.
- Defined and executed strategy to migrate core platform from third-party vendor to in-house solution; reduced annual vendor spend by ~$50K and enabled customization of data schemas, unlocking product features and enabling long-term product extensibility.
- Delivered weekly client walkthroughs of new features as user research, gathered feedback, prioritized enhancements with product teams, and iterated on features to refine functionality, driving adoption across 70+ active clinical trials.
- Optimized patient-record collection platform by redesigning backend data pipelines; cutting load times by 40% and accelerating user onboarding process, improvements streamlined clinical trial operations and increased patient participation by 15% across active trials.
- Spearheaded implementation of automated QA practices by defining test strategy, procuring stakeholder buy-in, and partnering with QA engineers; procured 93% backend and 37% frontend test coverage, improving reliability of customer-facing releases.

Backend Software Engineer I   **2023-2024**
- Built observability dashboards with real-time alerts, partnering with site reliability and clinical operations teams to integrate system into existing workflows; diminishing mean-time-to-resolution by 42%; boosting client confidence in system performance.
- Led evaluation and adoption of new monitoring platforms across engineering, finance, and DataOps; secured senior leadership approval, delivering $30K annual savings and supporting higher data volumes without added cost.
- Designed and built 3 HIPAA-compliant databases in collaboration with compliance, security, and legal teams; spent weeks developing data models and table structures to link patient records across systems ensuring integrity and privacy across clinical workflows.
- Upgraded clinical video processing pipeline coordinating with compliance officers and QA testers; reducing missed data by 90% and enhancing corrupted video detection by 30%, while failure recovery without manual intervention ensuring HIPAA compliance.

FACEBOOK INC   **Cambridge, MA**
Software Engineer   **2022**
Software Engineer Intern   **2021**
- Designed and launched real-time analytics dashboard with 5+ interactive visualizations, giving Connectivity Partner Impact leadership visibility into revenue trends; insights shaped go-to-market strategy for internet partnerships, unlocking revenue opportunities.
- Pioneered C++ log upload system for WhatsApp iOS in partnership with platform engineers and Apple's technical review team; assured compliance with iOS 15 requirements and ensured uninterrupted releases.
- Prototyped "Interactive Comic Book" feature during Facebook Global Hackathon; MVP developed in <72 hours demonstrated potential to increase community content creation by 20% based on internal testing.

ADDITIONAL INFORMATION

- **Languages**: Native Spanish and English; Basic knowledge of French.
- **Computer Languages**: Python, Java, C, C++, C#, SQL, JavaScript, TypeScript, HTML, CSS, React, Objective-C, Swift.
- **Other Technical Strengths**: Figma, Terraform, Hasura, AWS, Docker, Autodesk Maya, AR/VR Design, 3D Digital Modeling, Animation, Agile, Jira, Canva, Asana.
- **Community**: ESL Teaching Volunteer at the Boston Public Library, Admissions Ambassador Program for Dartmouth College
- **Leadership**: Co-founder of Compartamos la Mesa campaign (authored and introduced food donation bill to Costa Rican Congress).
- **Interests**: Painting and Drawing (exhibited at Galería Nacional, Costa Rica), Skiing, Baking, Reading, Travel, Board Games.