

# 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.

**Clubs:** Technology Club, Women in Business Club, Latin American Student Association, Consulting Club, Food Club.

**Relevant Courses:** Product Management and Innovation.

### 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, 3D Digital Modeling, Intro to Computer Programming, CoderDojo, Women in Computer Science, Rewriting the Code Fellow.

## EXPERIENCE

### ITERATIVE HEALTH, PLATFORM TEAM

Cambridge, MA

**Full Stack Software Engineer II**

2024-2025

- Reduced manual data entry time by 30% and drove adoption across 91 clinical trial sites by launching 5+ patient-record management platforms by leading requirement gathering from 7 cross-functional stakeholders, including clinical ops, compliance, and product.
- Delivered ~\$50K in annual savings, 90% of vendor contract, and expanded product roadmap flexibility by migrating 962,930 patient records from QuickBase, a third-party vendor, to an in-house platform with customizable data schemas.
- Expanded patient participation by 15% across active trials by optimizing the patient-record collection platform through redesign of backend data pipelines to cut load times by 40% and accelerate user onboarding, streamlining clinical trial operations.
- Drove adoption of 10+ features across 14 active clinical trials identified through leading weekly client walkthroughs as customer research, capturing user feedback, and partnering with product teams to prioritize enhancements and iterate on functionality.
- Led implementation of automated unit and integration testing by defining product strategy, securing stakeholder buy-in, and partnering with QA engineers; achieved 93% backend and established frontend coverage from 0% to 37%, boosting release stability.

**Backend Software Engineer I**

2023-2024

- Designed and built 3 HIPAA-compliant databases in collaboration with compliance, security, and legal teams, developed data models and table structures to link patient records and house 383,021 clinical videos, decreasing data reconciliation errors by 40%.
- Diminished mean-time-to-resolution by 42% by building 10+ internal observability dashboards with real-time alerts to address system blind spots, integrating system into existing workflows through cross-functional leadership with site reliability and clinical operations.
- Secured C-suite approval to adopt open-source monitoring platforms across engineering, finance, and data operations, replacing a costly third-party tool and reducing annual tool costs by \$30K (15% of department budget) and leading adoption of a scalable solution.
- Upgraded clinical video processing pipeline in coordination with compliance officers and QA testers, reducing missed data by 90% and enhancing corrupted video detection by 30%, enabling system to automatically recover from errors instead of relying on manual fixes.

### 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; ensured compliance with iOS 15 requirements and guaranteed uninterrupted releases.

## ADDITIONAL INFORMATION

- **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.
- **Leadership:** Co-founder of Compartamos la Mesa campaign (authored and introduced food donation bill to Costa Rican Congress).
- **Community:** ESL Teaching Volunteer at the Boston Public Library, Admissions Ambassador Program for Dartmouth College
- **Languages:** Native Spanish and English; Basic French.
- **Interests:** Painting and Drawing (exhibited at Galería Nacional, Costa Rica), Skiing, Reading (48 books last year), Board Games.