

Tim Farrell

Senior Product Manager

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Summary

- Builder with 8+ years experience developing data/ AI systems and solutions in bio/ health.
- Technical background with a decade of leadership/ operations experience.

Experience

OM1

Senior Product Manager

Product Manager

Boston, MA

Jan 2024 - Present

May 2022 - Jan 2024

- Lead development of **AI-powered digital phenotyping product line**. Leverage gen AI to accelerate product design and development, resulting in fast expansion to new verticals.
- Manage EHR and claims data products that accelerate clinical research and evidence generation, which have grown 50% YoY. Oversee data enrichment including LLM-based text extractions and ML-based outcome estimations, which have increased available endpoints by 4X+.
- Manage analytics platform that improves discoverability, accelerates delivery and reduces costs by 80%. Lead development of AI assistant that has increased usability for non-technical users.

Day Zero Diagnostics

Product Manager

Manager, Bioinformatics Engineering

Bioinformatics Engineer

Boston, MA

Nov 2021 - May 2022

Jun 2020 - Nov 2021

May 2019 - Jun 2020

- Managed **clinical sequencing service** for hospital systems (e.g. MGH) to rapidly identify and eliminate outbreaks. Grew service from 1 to 3 deals/ mo. Facilitated regulatory validation (CLIA).
- Managed **data platform** that supported ML/ AI phenotypic prediction model development. Using partnerships and public data, grew assets 35% YoY and built one of the largest datasets of its kind.

Broad Institute of Harvard and MIT

Computational Biologist

Jun 2017 - Jun 2019

- Built data processing and analysis system for phase III clinical trial of malaria vaccine.

US Army Reserve

Operations Officer

May 2012 - Mar 2021

- Part-time military leader (2 days/ mo + 4 weeks/ yr). Managed operations of 100+ soldier units.
- Deployed/ activated in 2016 - 2017 (OFS) and Apr - Jun 2020 (COVID-19).

Skills	Product	Strategy/ Roadmap, Backlog management, User/ Market research, ROI analysis
	Work management	Jira, Confluence, Google Workspace
	Design	Figma, Balsalmiq, Canva
	Technical	Data analytics, ML model development, APIs, UX/ UI design, AI agents/ LLMs
	Data	SQL, Snowflake, Supabase/ Postgres, Metabase
	Programming	Python, Javascript, Lovable, Cursor

Education

Boston University

Master of Science, Bioinformatics

Sept 2014 - May 2016

Rutgers University

Bachelor of Science, Biomedical Engineering

Sept 2008 - May 2012

Activities: Army ROTC (top 10%), Rutgers Rugby Football Club (Co-captain)