

# Devante Horne, PhD

Technical Program Manager, Generative AI

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## SUMMARY

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Product leader with 10+ years across generative AI and medical devices. Shipped 20+ GenAI features at Google and expanded HIV testing access with a novel fingerstick diagnostic at Cepheid. Skilled in cross-functional alignment and strategy under ambiguity. Passionate about using AI to turn complex data into personalized, high-impact solutions across multi-surface experiences and cross-org teams.

## EXPERIENCE

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### Google — Program Manager, Generative AI

AUG 2022 - PRESENT

- **Led strategy and launch of Gemini's first interactive exam-prep suite** (Quizzes, Flashcards, Study Guides), driving 14% of Global Youth DAU
- **Architected and drove NotebookLM's learning apps from hackathon to launch**, achieving ~18% DAU feature adoption
- **Drove 20% uplift in Search ad revenue for small publishers** by launching GenAI-powered article promotion and monetization tooling; built analytics and triage loops to deliver 90%+ of requested features

### Cepheid — Product Manager, Medical Devices

JUL 2020 - AUG 2022

- **Spearheaded development of a low-blood-volume HIV diagnostic** by aligning R&D, manufacturing, regulatory, operations; delivered a validated, scalable solution under strict cost & compliance constraints
- **Increased total addressable market by 10x** for HIV diagnostics by redesigning patient sample processing architecture and boosting analytical sensitivity by over 200%
- **Drove 3x revenue growth within a 20+ SKU IVD portfolio** by executing a data-informed roadmap and coordinating launch and compliance efforts across virology and sexual health teams

### UCSF Medical Center — Research Scientist, Medical Devices

Aug 2015 - JUN 2020

- **Directed a 10-member cross-disciplinary team** to develop a wearable ultrasound device for chronic pain, securing \$40K+ in research funding and generating 6 peer-reviewed publications
- **Led end-to-end prototyping from in-vitro development to preclinical validation**, coordinating with research, clinical, & industry collaborators; advanced toward human feasibility through 50+ subject studies
- **Led development of ultrasound ablation tools during a 3-month internship at VytronUS**; applied DOE and QA controls to reduce test errors 99% and improve device safety by cutting off-target damage 10%

## EDUCATION

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### Ph.D. in Bioengineering

University of California, Berkeley

### B.S. in Bioengineering

Clemson University

## TECHNICAL TOOLKIT

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Generative AI tooling • LLM evaluation & safety • Prompt engineering • Product roadmaps & OKRs • TPU/GPU planning • Google Cloud Platform (GCP) • Python • SQL • Apps Script