

# Sophia Thompson

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## SUMMARY

Accomplished medical researcher and product management professional with over six years of experience in leveraging technology for healthcare innovations. Proven track record in developing AI-driven solutions that enhance medical research efficacy. Experience includes leading cross-functional teams, building strategic partnerships, and ensuring projects align with organizational objectives. Committed to transforming clinical practices through innovative product development and implementation of AI technologies. Eager to contribute expertise in re-platforming digital assets for enhanced user engagement and sustained business growth at GenTech Solutions.

## EXPERIENCE

**Product Manager** January 2023 - Present  
HealthTech Innovations *Chicago, IL*

Lead the development of AI-based healthcare products, enhancing user experience and engagement. Collaborate across multiple engineering teams to integrate robust AI capabilities into existing platforms. Conduct market analyses to identify emerging trends and technologies within healthcare sectors.

- Facilitated brainstorming sessions to develop innovative product features that cater to evolving market demands.
- Defined product roadmaps aligned with company objectives while prioritizing customer needs in design and functionality.
- Implemented user feedback loops resulting in meaningful improvements in product offerings.
- Built strong rapport with stakeholders, ensuring project alignment with overall strategy.

**Senior Research Analyst** June 2020 - December 2022  
MedAI Solutions *Chicago, IL*

Managed complex research projects focusing on AI applications in clinical trials, ensuring high standards in methodologies. Developed and maintained partnerships with academic institutions, enhancing collaborative efforts in research endeavors. Acted as a primary spokesperson for findings at industry events, reinforcing corporate reputation as a thought leader.

- Drove initiatives to present groundbreaking results in AI-driven clinical research, attracting media attention.
- Engaged with researchers and physicians effectively, molding heightened interest in adopting AI methodologies.
- Achieved commendations for contributions that positioned the organization as a trendsetter in its field.
- Led educational workshops aimed at promoting best practices in integrating AI within clinical settings.

**Clinical Research Associate** August 2018 - May 2020  
BioHealth Systems *Naperville, IL*

Supported clinical trials by analyzing data meticulously and ensuring regulatory compliance. Assisted in developing comprehensive research protocols and strategies for participant recruitment. Collaborated across various departments to simplify and enhance research processes.

- Coordinated efforts with external collaborators to gather qualitative insights central to study designs.
- Monitored project timelines diligently, facilitating smooth transitions between different phases of trial execution.
- Established efficient communication channels among team members, improving overall productivity.
- Generated detailed reports to communicate findings and improvements regarding study efficiency.

## PROJECTS

**AI-Enhanced Clinical Trial Evaluation Tool** 📅 January 2023

Designed an interactive tool utilizing AI algorithms to assess and optimize performance metrics within clinical trials. This innovation improved tracking efficiency and enhanced decision-making in real time.

**Patient Engagement Background Analysis** 📅 December 2022

Conducted extensive research on patient interactions with AI tools. Resulted in actionable insights that guided product development focused on user-centric design.

## LEADERSHIP & AWARDS

- Outstanding Contributions in Medical AI Development Award at MedAI Solutions.
- Excellence in Research Practices Recognition from BioHealth Systems.

## EDUCATION

**Master's Degree in Healthcare Technology** 2018  
University of Illinois GPA: 3.9 *Champaign, IL*

**Coursework:** Healthcare Innovations, Product Management, Clinical Research, AI Applications

## CERTIFICATIONS

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- Certified Clinical Research Associate (CCRA) 📅 2021
- AI in Healthcare Certification 📅 2022

## TECHNICAL SKILLS

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- **Market Research Methods:** Qualitative Analysis, Quantitative Analysis, Survey Design
- **Project Management Tools:** Trello, JIRA, Asana
- **AI Frameworks:** TensorFlow, PyTorch, Keras
- **Data Analytics Software:** R, Python, SQL
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Visualization Tools:** Tableau, Power BI, Excel
- **Compliance Software:** IRBNet, REDCap, OnCore
- **Database Management:** Oracle, MySQL, PostgreSQL
- **Design Tools:** Adobe XD, Figma, Sketch
- **Collaboration Platforms:** Confluence, SharePoint, Google Workspace

## SKILLS

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- Product Management
- Strategic Planning
- Market Research
- Team Building
- AI and Machine Learning
- Innovation Strategy
- Collaboration Skills
- Medical Data Interpretation
- Clinical Research
- User Experience Design
- Project Leadership
- Digital Asset Management
- Data Analysis
- Regulatory Compliance
- Stakeholder Engagement
- Budgeting

## PROFESSIONAL AFFILIATIONS

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- Member of the American Medical Association (AMA).
- Active Participant in Women in Data Science Conferences.

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST