

DOC	JD-HMT-B03
TYPE	Internship position description
TRACK	AI & Digital Health
LEVEL	Student / early career

Digital Health Product Intern, User Research & Prototyping

User needs research, competitive product review, report and interface prototyping, and privacy-aware experience design for an early-stage digital health concept

KEY TO TERMS USED

PROTOTYPE	A clickable mock-up used to test an idea before anything is built.
USABILITY	Whether a real person uses it correctly on the first try. Measured, not assumed.
HEALTH LITERACY	Writing a result so that a non-expert reads it correctly and does not panic.
CLAIM	What a product says it can do. In health, the wording is a regulatory matter.
USER RESEARCH	Structured evidence about what people need, not opinions about what they might like.
PHI	Protected health information. Personal data that carries strict handling rules.

INTENDED ROLE

A skin analysis result is only useful if a real person understands it and trusts it. This role owns that translation. You will research what users actually want to know, review how comparable products present results, and prototype reports and interfaces that communicate findings without overclaiming. The emphasis is on evidence-based design judgment and responsible wording, not on visual polish alone.

PRINCIPAL DUTIES

- Research target user needs, concerns, and behavior through interviews, surveys, forums, and published research.
- Review comparable consumer and clinical products, documenting what they measure, how they present it, and what they claim to know.
- Translate technical outputs into report layouts and visualizations a non-expert can read correctly on the first try.
- Build clickable prototypes of key flows such as capture, results, explanation, and follow-up guidance.
- Draft user-facing wording that describes findings accurately and avoids diagnostic or medical claims.
- Run informal usability sessions, record where people misread the result, and revise the design accordingly.
- Use approved AI tools for synthesis and drafting, then verify every quoted user insight and competitor claim against its original source.

EXAMPLE ASSIGNMENTS

Assignments depend on active studies, authorized data access, and the internship timeline. Examples may include:

- A user needs and behavior research summary with prioritized insights and supporting evidence
- A competitive product review of how comparable tools present results, with claim language analysis
- A clickable prototype of the capture-to-results experience with usability findings and revisions

YOUR FIRST TWO WEEKS

- Map the current concept into a user journey and mark where the user has to trust a number.
- Review three comparable products and record how each presents results and what it claims.
- Run two informal user conversations and write down what people actually asked.
- Produce a first low-fidelity result screen and test whether people read it correctly.

ABOUT HOPKINS MEDTECH

Hopkins MedTech Group LLC is a U.S. company working in medical technology and in vitro diagnostics. Its work covers clinical performance studies, protocol development and site coordination, data review and quality assurance, and regulatory support for United States and European pathways. The group is also exploring AI and digital health through an early-stage research initiative in facial and skin analysis.

REQUIRED QUALIFICATIONS

- Currently pursuing, or recently completed, a degree in product design, human-computer interaction, public health, psychology, business, communication, or a related field, or able to show equivalent self-study or project work.
- Clear written English and the ability to explain a technical result in plain, accurate language.
- Comfort with a design or prototyping tool such as Figma, or willingness to learn one quickly.
- Genuine curiosity about users, including the willingness to talk to people whose reaction contradicts your design.
- Judgment about responsible health communication, including the instinct to avoid implied medical claims.
- No prior product, design, or professional internship experience is required.

PREFERRED QUALIFICATIONS

Not screening criteria. Coursework, labs, personal projects, and self-study all count as evidence.

- A course or personal project involving user interviews, usability testing, or interface design
- Exposure to health literacy, risk communication, or data visualization principles
- Awareness of privacy expectations around facial images and personal health information

WHAT YOU WILL GAIN

- Practice the full product research loop from user evidence to prototype to tested revision.
- Learn how health products communicate uncertainty without either alarming or misleading users.
- Understand where privacy and claim constraints shape design decisions in regulated contexts.
- Leave with a research-backed prototype and a usability write-up that make strong portfolio material.

DELIVERABLES

- A user research summary with prioritized, sourced insights
- A competitive review of presentation patterns and claim language
- A clickable prototype plus a usability findings and revision log

SUPERVISION AND EVALUATION

Interns report to a named project lead, meet on a set weekly cadence, and receive written feedback on each deliverable. Work is evaluated on accuracy and traceability of sources, documentation quality, responsiveness to feedback, judgment about what to escalate, and disciplined use of approved AI tools. We expect steady learning and iteration rather than polished perfection on the first day.

WHAT WE DO NOT EXPECT

- Prior internship experience, or a name-brand employer on your CV.
- Knowing the regulations, tools, or vocabulary before you start; the terms box above is where most people begin.
- Certainty. Saying what the evidence does not support is treated as a strength, not a gap.

APPLICATION AND SELECTION

An application is a CV plus a short note naming the track you want and one project from this document you would like to work on, and why. First-round interviews are with the project lead who would supervise the work, not with a screening panel.

DATA HANDLING, PRIVACY, AND RESPONSIBLE AI

Interns work only with data and documents they have been explicitly authorized to access. Patient-identifiable information, study data, client-confidential files, and proprietary materials must never be uploaded to public or unapproved AI services, shared outside the project team, or stored on personal accounts or devices. AI tools may be used only

where the project lead has approved them for that task, and all AI-assisted work must be independently verified before it enters any deliverable. The intern and the project lead remain accountable for the final result.

Hopkins MedTech Group LLC provides equal internship and employment opportunities without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, veteran status, or any other legally protected characteristic. Internships are educational in nature; interns do not provide medical advice, make regulatory determinations, or represent the company to any health authority, client, or study site. The AI and digital health initiative described here is early-stage research, not a cleared, approved, or clinically validated product. Assignments, data access, duration, and supervision are confirmed in the final project description.