

# Jake Meadows

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London, UK

## Experience

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### Product Manager

September 2021-Present

*Careology Digital Cancer Care, London, UK*

- Drove product requirements and specifications for redesign of health metrics in clinician-facing web portal and patient app
- Led product analytics initiative to implement new customer data platform and analysis tools for data-driven decision making
- Led regulatory efforts to achieve MHRA marking as a Class 1 medical device & now engaging with FDA for USA market entry
- Organising user research with nurses, patients, and caregivers to improve product discovery and iteration on core features

### Technical Product Manager

September 2018-August 2020

*Human Engineering Research Laboratories, Pittsburgh, USA*

- Managed software development of an Internet of Things healthcare product and shipped MVP to startup customer
- Finalized the design of mobile app and hardware product and shipped it to the Pennsylvania Department of Transportation
- Developed the product strategy, roadmap, and UX wireframes to guide the development of a wheelchair health mobile app
- Collaborated with researchers to lead large-scale analysis of real-world evidence to inform new wheelchair testing ISO standards
- Guided end-to-end product development with cross-functional teams of engineers, designers, clinicians, and researchers

### Co-Founder & Head of Product

January 2018-April 2020

*Posture Protect, Pittsburgh, USA*

- Led a digital health startup that aimed to help physical therapists and their elderly patients by using wearable technology
- Designed, prototyped, and user tested a software and hardware product for people with Parkinson's disease
- Secured pre-seed funding for product development; won 'Best Overall Project' at a Pittsburgh design expo

### Co-Founder & Design Innovation Manager

March 2019-August 2020

*Classroom to Community, Pittsburgh, USA*

- Raised \$65,000 in grants to start and grow this organization that bridges the gap between academic projects and real-world impact
- Mentored product teams and managed their deliverables, budgets, communications, and development timelines
- Designed a program and workspace that enabled product development for 6 teams comprised of over 30 engineers

### Biomedical Engineer

February 2018-September 2018

*Gartner Design Laboratory, Pittsburgh, USA*

- Designed, prototyped, and tested a software and hardware product for monitoring infants in clinical trials
- Built systems that were deployed at the Pittsburgh Zoo for sea turtle rehabilitation and manatee conservation projects

### Cancer Research Fellow

April 2015-August 2017

*Fox Chase Cancer Center, Philadelphia, USA*

- Identified new molecular regulators of acute myeloid leukemia; published in Clinical Cancer Research, a peer-reviewed journal

## Technical Skills

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### Software

Jira, Figma, Segment, Mixpanel, AWS Pinpoint, Python, Webflow, MATLAB, Mailchimp, Adobe Lightroom & Photoshop

### Design

Human-Centered Design, User Interviews, UX Design, Internet of Things, Wearable Technology, Data-Driven Design, Digital Media

## Education

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### University College London

Entrepreneurship, Master of Science, *Distinction*, US-UK Fulbright Scholar

Technology Entrepreneurship Pathway

**Dissertation:** "Reinventing the Older Adult Caregiving Experience in the UK with Digital Health Technology"

**Selected Coursework:** Building High-Impact Ventures, Marketing Strategy & Branding, Strategic Management, Finance

### University of Pittsburgh

Bioengineering, Bachelor of Science, *summa cum laude* (3.8/4.0 Cumulative GPA)

Medical Product Engineering Track; Product Design, Innovation, & Entrepreneurship Certificate; Chemistry Minor

**Selected Coursework:** Product Realization, Medical Product Design, Human Physiology, Medical Device Regulation

**International Experiences:** Developed surgical robotics at the National University of Singapore and studied the smartphone supply chain in China

**Teaching:** Taught human-centered design, prototyping, and user testing for 2 years to over 200 students in a course called The Art of Making: a Hands-on System Design and Engineering