

Ted Thayer

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Product Management Snapshot

- **Create Ear-based, Wearable Biosensors** – Designed, built, tested, and demonstrated Earable prototype live to X
 - **Identify Opportunities for Human Health Innovation** – Interviewed 107 people and found commercial opportunity
 - **Lead with Product Management Best Practices** – Excited by applying leadership and product execution processes
 - **Collaborate with Science, Engineering, & Business** – Expert at bridging disparate domains as product manager
 - **Develop Multi-disciplinary, Startup Strategies** – Made business plans, pitch decks, and prototypes for tech startups
 - **Solve Difficult Problems Creatively** – Learned electrochemistry to minimize electrode signal/noise biopotentials
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Experience

Product & Business Development Manager

Mar 2019 – Oct 2019

Earable Inc.

Boulder, CO

- NSF I-Corp Entrepreneurial Lead for early stage 6-person team evolving university research into a startup product
- Accelerated novel life science innovation at intersection of biology and engineering by testing 23 market applications
- Transformed ambitious, ambiguous vision into practical strategy to create investor materials yielding >\$1.2M raised
- Recruited 2 early team members from >100 candidates for improving what's possible with our hardware and algorithms
- Optimized biosignal data acquisition for Machine Learning analysis by identifying root cause of interfacial signal noise

Professional Research Assistant | Research Assistant

May 2018 – Oct 2019 | Oct 2014 – May 2017

University of Colorado Boulder – LASP, Mobile & Networked Systems Lab

Boulder, CO

- Co-Authoring “Ear-Worn Biosignal Sensing Platform for Cognitive State Monitoring and Human-Computer Interaction”
- Pushed boundaries by innovating quickly on state-of-the-art spacecraft experiments to boost signal/noise by 100X
- Operated as multi-disciplinary connecting point by working collaboratively with scientists, engineers, and managers
- Authored 5 publications, updated 60-page satellite instrument specifications, and presented data analysis visualizations
- Created liquid nitrogen cooled Helmholtz coil and 5kV accelerator with \$23k budget and ~90% salvaged parts

Contractor – Strategy, Engineering, & UX Research

(Periodic) Feb 2016 – Present

Apollo Brands LLC | The Space Research Company

Denver, CO | Boulder, CO

- Helping people to define business strategy by proposing, building, evaluating, and iterating on product designs
- Creatively solve complex, ambiguous, and novel problems in cross-functional and rapidly changing environments
- Adapted front-end UI/UX for NASA-funded web platform based on in-person customer discovery and market research
- Achieved success safely on JetBike: a fast-paced, million-dollar, and experimental manned aerial vehicle avionics project

CEO & Co-Founder

May 2016 – Feb 2018

Myra Makes LLC

Boulder, CO

- Created, recruited talent, and lead 10-person startup that invented and sold products to empower childhood curiosity
- Experienced invaluable lessons on leadership and teamwork to get team excited to make a difference in the world
- Sold our product to 14 stores, hundreds of people nationwide, and raised \$14,000 from an accelerator and Kickstarter

Research Assistant

Jan 2013 – May 2013 | Jan 2014 – Aug 2014

University of Colorado Boulder – Chemistry Department, Physics Department

Boulder, CO

- Configured up-conversion quantum dot and gold nanoparticles in liquid crystal colloid for solar cell applications
 - Experimentally found chemical ratio that maximized efficiency of novel solid-state battery technology
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Education

B.S. Engineering Physics + Biochemistry Minor

May 2015

University of Colorado Boulder – College of Engineering and Applied Science

Boulder, CO

- Graduate Courses: Computer Science Entrepreneurial Capstone, Advanced Mobile App Development, and Design Studio

Skills & Certificates

- *Certificates:* ABET Engineering Management, Design Thinking, Biomimicry, Machine Shop, SolidWorks, Bioscience
- *Languages & Software:* JavaScript, Python, IDL, Java, Swift, HTML, XML, CSS, Eagle, Adobe, MS Office, G Suite
- *Product Management Processes:* Lean, Agile, Disciplined Entrepreneurship, OKR/KPI, YCombinator Startup School