Emma Kallman
UX / Product Designer

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Experience

Keysight Technologies / Design Engineer
June 2024 - Present
- Led design and development of desktop user interface for mechanical laser machine, from market and user research to high fidelity prototypes, improving usability and workflow clarity by 40%
- Initiated and facilitated cross-functional collaboration with software and hardware design teams, justifying design decisions and driving implementation and launch
- Delivered 3 high-priority hardware tooling projects commissioned by the CEO, contributing a 20% increase in revenue and 85% improvement in yield

Skills: Interaction Design, UI/UX, Systems Thinking, Design Optimization

DALI Lab / Senior Design Consultant
May 2019 - June 2023
- Led cross-functional design teams, overseeing the development and launch of six innovative digital solutions
- Managed communication between outside partners and DALI staff, ensuring project success via 10-week design process
- Mentored new designers, directed educational initiatives, and managed the lab with students on the Core Leadership Team

Skills: Strategic Design, Design Thinking, Leadership, Teaching

Meta Fintech / Product Design Intern
June - Sept 2022
- Optimized the end-to-end payout workflow to address key consumer pain points, reducing the user drop-off rate by 63% and improving the user satisfaction rate by 10%
- Collaborated with user researchers, content designers, and engineers to identify and prioritize potential process workflows and conducted consumer flow group discussions to finalize ideal flow
- Presented recommendations to senior leaders that materialized into implementations

Skills: UX Design, User Research, Prototyping, XFN Collaboration

Meta Commerce / Product Design Intern
June - Aug 2021
- Pioneered novel consumer-facing flows and enhanced creator tools for restaurant and delivery collaborative ad partnerships
- Identified critical user needs and conducted competitive research to iterate 90+ high-fidelity screens
- Presented polished prototype, additional use cases, and future recommendations to senior leaders, influencing the team's strategic focus for the following year

Skills: Design Systems, Interaction Design, Innovation, Product Thinking

Education

Dartmouth College / *B.A. Engineering, Minors Human-Centered Design and Digital Arts*
June 2023

Leadership
- President, Dartmouth Society of Photographers
- Co-founder, Illuminate Photography Magazine
- Teaching Assistant, UI/UX Design course
- Assistant Communications Vice President, Alpha Xi Delta Sorority

Activities
- Researcher, Women in Science Program
- Designer, Thayer Empower Lab

Tuck School of Business / *Tuck Bridge Program*
Winter 2022
- Selected for highly competitive 30-day program taught by MBA faculty, providing in-depth introduction to accounting, finance, microeconomics, marketing and strategy
- Presented in-depth valuation analysis of national restaurant chain, including financial and strategic assessments, to corporate executives, faculty

Awards

- **Kleiner Perkins Design Fellow Finalist** for strategic Nextdoor feature proposal
- **Phillip R. Jackson Award** for best team performance in Introductory Engineering course
- **Google Externship** by Dartmouth Center for Professional Development

Skills

- **Design**: UI/UX, UED, HCI, Interface Design, Wireframing, Iterative Design, Prototyping, User Research, Market Research, Usability Testing, AR Design, VR Design, Generative Art
- **Technical**: Figma, Origami, Adobe Suite, Maya, Unity, CAD, Siemens NX, SolidWorks, HTML, CSS, C++, G Suite, Microsoft Office
- **Soft:** Communication, Collaboration, Curiosity