

# YEN KAI HUANG

Product manager | CS / Digital Arts @ Dartmouth | ex-Nvidia designer

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## EXPERIENCE

### Microsoft Research - research intern Redmond, WA 2024 - 2024

- Contributed to Microsoft's EPIC research group, focusing on the integration of artificial and human intelligence to revolutionize document and application interfaces.

### Graduate Researcher and Project Lead - Dartmouth 2022 - Now

- InkDrop – AI-powered Creative Tool
  - Collaborated with META's internal team to develop an AI-powered drawing tool leveraging Stable Diffusion technology, focusing on user-centric design and AI integration.
- Amazing Logos – Logo Design AI
  - Engineered and fine-tuned a generative AI for logo design, achieving **6,000+** Huggingface downloads, and crafted advanced data crawlers to enrich the dataset quality.
- SkimGPT – AI Summarization Tool
  - Managed a team of five in developing a Chrome extension for webpage summarization, handling the integration of ChatGPT API and direct the full stack development from the React.js-based UI to backend API.
- Arts Integration Initiative – Research Grant Project
  - Directed a cross-disciplinary project merging AI with art, securing a **\$9,000** grant and pioneering new forms of media through AI-driven creative processes.

### CIDER - Art Director Beijing 2021 Apr-2022 May

- Directed a team of **10 designers**, steering CIDER's comprehensive branding efforts, including the design system, logo, app, and brand identity.
- Orchestrated innovative campaigns, including the Metaverse Fashion Week 2022, enhancing brand visibility and contributing to a **\$130M** Series B fundraising event.
- Employed culture-centric design principles to refine brand strategy, fostering a strong user connection and a cohesive brand experience across platforms.

### NVIDIA - Senior UX Designer (IC4) APAC 2018 Jan -2020 Oct

- Developed and implemented design strategies for regional campaigns and social promotions, leveraging user insights to drive over **2M+** views and enhance media exposure.
- Pioneered the use of automation tools, including self-developed Photoshop scripts and QA software, boosting the design team's efficiency by **50%**.
- Played a pivotal role in the creation and deployment of a customized typeface and go-to-market kits, aligning product design with business objectives and user expectations.

### YCLOSET – Design Lead Beijing 2016 Jul - 2018 Jun

- Directed a **six-member** design team at YCLOSET, a fast-paced startup environment, scaling the user base from **500** to **80,000** by leading app and website redesigns.
- Leveraged startup agility to employ data-driven design methodologies, surging user conversion rates by **15.53%** through A/B testing, usability tests, and analytics.

### Early Design Roles

- RENRENCAOPAN - Senior UI/UX Designer 2015 Jul - 2016 Jun
- Wolonge.com - UI Designer 2015 Jan - 2015 Jul

## PROFILE

**Expertise:** Generative AI, ML, UX, Product design, Computational Creativity

Yen Kai Huang is a Product Manager merging CS, UX, digital art, and AI expertise. Known for spearheading AI product development from ideation to market, his skill set covers machine learning, data analysis, and generative AI, with a track record of leading teams to deliver innovative, user-centric solutions and successful META collaborations.

## EDUCATION

### Dartmouth College

M.S. Computer Science, 2024

50% scholarship for academic excellence

### National Taipei University of Education

B.Des. Product Design, 2013

## SKILLS

### Programming:

JavaScript, Python, C, Java, React.js, Redux.js, Node.js, VITE, BABEL, MongoDB, SQL, HTML/CSS, jQuery, Git, Docker

### Design:

UI/UX design, Figma, Adobe CC, Design research

## AWARD & PUBLICATION

- 2022 - Arts Integration Initiative, Hopkins Center for the Arts
- 2022 - Web3 campaigns: Metaverse Fashion Week 2022 featured in WSJ
- 2021 - NVIDIA "I am ai" featured AI artist
- 2020 - NeurIPS ML for creativity and design workshop
- 2020 - A' Design Award interaction design Bronze Winner
- 2012 - HOHO Cover: iPhone case design competition - first place | 2012
- DAC Design Classifications - Interface and Interaction Design #29

## RESEARCH & ACTIVITIES

- DALI Lab at Dartmouth – Front-end/Designer
- HackDartmouth – member

## TEACHER ASSISTANCE

- Programming for Interactive Audio-Visual Arts  
Guided non-tech students in p5.js to create interactive art projects, providing tailored support.
- Human-computer interaction (HCI)  
Led design and prototyping workshops for HCI students, encouraging innovative, user-centric tech solutions.
- Blockchain Developer Apprentice – Mentor  
Directed apprentices in developing and launching decentralized apps over an intensive six-week course.