BROOK XIAO

UX Researcher & Product Designer

brookx@andrew.cmu.edu • Email
(603) 290-0842 • Phone
xiaobrook.com • Web
Pittsburgh, PA • Loc

EDUCATION

Carnegie Mellon Univ.
Bachelor of Humanities & Arts
May 2026 (Expected)
Majors: HCI, Stats & ML, Vocal Performance

Carnegie Mellon Univ.
Master of HCI (Accelerated)
Admitted; Dec 2026 (Expected)

SKILLS

Design & Prototyping
Figma, Mastergo, Adobe Creative Suite, Procreate, Wireframing

Research Methods
User Studies, Usability Testing, Heuristic Evaluation, Survey Design, A/B Testing

Programming
Python, R, C, Java, HTML/CSS, Processing, LaTeX

Technical
Statistical Modeling, AI-Driven Interfaces, Arduino, Physical Computing

Languages
English (Fluent), Mandarin (Fluent), Spanish (Intermediate)

HONORS

Phi Beta Kappa
Early Election (Top 20 Seniors)

Dean's List
College of Fine Arts & BXA Intercollege Degree Programs

EXPERIENCE

Product Designer (HCI & UX) Dec 2024 – Present
AVCLabs *Remote*

- Designing transparent user flows for AI products (Video Blur AI, Video Enhancer AI) to improve system interpretability and trust for technical user bases.
- Collaborating with engineering teams to align deep-learning model outputs with human-centered design principles.

UI/UX Design Intern Jul – Aug 2024
vivo Mobile Communication *Shenzhen, China*

- Designed conversational photo-to-calendar workflows for the Blue Heart AI Assistant, streamlining complex automation tasks.
- Built high-fidelity Figma prototypes for AI-assisted scheduling features, validated through internal stakeholder reviews.

Data Analyst Intern May – Jul 2024
LeadingHorse Capital *Guangzhou, China*

- Supported portfolio modeling and developed dashboards for investment performance visualization using statistical analysis.
- Applied risk assessment models to inform high-stakes investment decisions.

Software Engineering Intern Mar – Apr 2024
CBHM International Ltd. *Remote*

- Implemented Two-Factor Authentication (2FA) across the enterprise platform, enhancing security compliance.
- Conducted load testing protocols to ensure system reliability under peak enterprise usage.

SELECTED PROJECTS

BelCanto Hub 2024
Micro-Opera Platform *Academic Project*

- Designed the *QuietBand* wristband and companion mobile app to modernize opera engagement for younger demographics via haptic lighting cues and synchronized lyrics.

Modular AR Table Tennis 2023
Hardware & Interface *Academic Project*

- Engineered modular racket handles with embedded IMU sensors and Arduino integration.
- Designed an AR Heads-Up Display (HUD) for real-time training analytics.