Aiden Hwang

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EDUCATION

Cornell University, College of Agriculture and Life Sciences — **Ithaca, NY**
Bachelor of Science in Information Science, User Experience Concentration — *Expected May 2028*
Intended Minor: Design + Environmental Analysis

- Relevant Coursework: Principles of Design Computing; Making a Difference by Design; Information Ethics, Law, and Policy; Introduction to Environmental Psychology; Communication and Technology; Computing and Global Development

The Juilliard School, Pre-College Division — **New York, NY**
Pre-College Diploma, Tenor Trombone — *May 2024*

- Notable Activities: Performed in the Juilliard Pre-College Orchestra in world premieres with the New York Philharmonic and American Composers Forum: Querencia (Nicolás Lell Benavides) and Fantasía en la Plaza (Andrés Soto)

RESEARCH & DESIGN EXPERIENCE

Machine Poetics Lab — **Ithaca, NY**
Undergraduate Research Assistant – advised by Asst. Professor Sang-won Leigh — *February 2025 - Present*

- Develop physical artifacts that externalize AI decisions normally confined to software, such as model refusal and creative preference, through sketching, CAD, 3D-printed enclosures, embedded electronics, and AI integration; now building a camera series where each device embodies a different model's interpretation of a photo
- Designed and prototyped *Ditto*, a speculative design camera whose shutter physically retracts when its AI rejects a potential photo; displayed in an Oct 2025 Cornell exhibition and featured as a case example in a co-authored ACM Creativity & Cognition 2026 pictorial
- Building *Shutter Vision*, a collection of three cameras that each interpret photography in a different mode, translating each AI interpretation into a distinct, tangible interaction through form and controls

DEA 1140: Principles of Design Computing — **Ithaca, NY**
Undergraduate Teaching Assistant — *August 2025 - December 2025*

- Taught Photoshop, Illustrator, and Rhino fundamentals to 20+ students; critiqued student projects in studio discussions and one-on-one office hours

LEADERSHIP EXPERIENCE

Hunter R. Rawlings III Cornell Presidential Research Scholars (RCPRS) — **Ithaca, NY**
President, Student Advisory Board — *August 2026 - Present*
Scholar — *August 2024 - Present*

- Direct programming, partnerships, and events to support ~200 scholars in their development into proficient researchers
- Launched a collaboration with the Cornell Undergraduate Research Board, giving Rawlings scholars direct access to on-campus research symposiums and networking events

Cornell University: College Ambassador — **Ithaca, NY**
CALS Ambassador — *February 2026 - Present*
Human Ecology Ambassador — *November 2024 - December 2025*

- Represent the College of Agriculture and Life Sciences, presenting its land-grant education values and the Information Science major to prospective students in college-wide events
- Represented the College of Human Ecology and its human-centered design philosophy, presenting the Design and Environmental Analysis major and its studio culture to prospective students in college-wide events

PUBLICATIONS

- **Making Exhibitions as We Research Through Art: The Exhibition Operations Kit** – *ACM Creativity & Cognition (C&C '26)* · S. Cai, Y. Han, A. Ko, **A. Hwang**, E. Park, S. Leigh · 2026.

SKILLS & INTERESTS

3D & Fabrication: Autodesk Fusion, Rhino, 3D printing, Embedded Electronics & Microcontrollers, Rapid Prototyping
UI/UX & Interaction: Figma, Adobe Photoshop & Illustrator, Interaction Prototyping, Video Editing
Interests: Tenor Trombone, Philosophical Writing, Whimsical 3D Prints, Sentimental & Liminal Photography