

# COLLIN NORTIER

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## EXPERIENCE

### Industrial Design Intern | *UIC School of Engineering Hybrid | Chicago, IL*

Feb 2025 - Apr 2025

- Collaborated with electrical and computer engineering students to support the design and manufacture of components for their senior thesis drone project.
- Executed multiple rounds of physical prototyping and technical problem-solving, utilizing 3D printing to assess fit, function, and implement iterative design refinements.
- Developed presentation of design concepts and finalized components to the team for the project's final expo.

### Nortier Restoration | *Furniture & Photo Restoration Entrepreneur | Westchester, IL*

Jul 2017 - Present

- Founded and operated a small restoration business focused on restoring vintage products to their original manufactured condition, balancing aesthetics, structure, and durability.
- Restored vintage furniture by evaluating original construction methods, materials, and finishes, then refinishing components to reflect how products would have left the assembly line.
- Applied careful visual and technical judgment in digital photo restoration using Adobe Photoshop, balancing authenticity, aesthetics, and client expectations.

### Wayback Burgers | *Senior Shift Supervisor In-Person | Darien, IL*

Aug 2022 - Oct 2025

- Led daily operations in a fast-paced environment, ensuring quality, efficiency, and customer satisfaction.
- Trained and mentored new employees while managing workflows, task delegation, and issue resolution under time constraints.

## PROJECTS

### Somnium | *CPAP Machine Redesign*

Sep 2024 - Dec 2024

- Conducted user research and interviews with sleep specialists to identify pain points and design opportunities, leading iterative prototyping to optimize size, functionality, and user interaction.
- Designed a less-invasive CPAP concept with a compact bedside unit and ergonomic nasal mask focused on comfort and discretion.
- Submitted final concept for consideration to the International Housewares Association (IHA).

### X-TRACT | *Car Extractor | Dyson™ Collaboration*

Jan 2024 - Mar 2024

- Developed physical prototypes and high-quality 3D renderings for a consumer product concept in collaboration with Dyson engineers.
- Integrated engineering feedback to refine ergonomics, internal layout, and functional performance through iterative design cycles.
- Presented final design to company executives, commended for design process, technical execution, and visual communication.

## EDUCATION

### University of Illinois at Chicago (UIC) *Bachelor of Design in Industrial Design*

Aug 2022 - May 2026

- Current standing: Senior
- GPA 3.91 / 4.0 | Dean's List | IDSA

## SKILLS

**Design:** Sketching, Product Design, User Research, Concept Ideation, Physical Prototyping, Technical Design, 3D Printing

**Software:** Rhino 7, SolidWorks, KeyShot, Adobe Suite (Adobe Photoshop, Illustrator, InDesign, After Effects), Sketchbook Pro