

# Christopher Lam

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## SUMMARY

Product Designer who translates user needs and business goals into scalable digital experiences. Combines 2 years of experience with software engineering background to ship features that balance UX with technical feasibility. Proven track record reducing friction in product discovery at Schneider Electric, establishing design foundations at Todd Agriscience, and delivering dashboards for government partners. Excels in cross-functional environments where strategy meets implementation.

## EDUCATION

### Worcester Polytechnic Institute

Bachelor of Science, Computer Science

Aug 2022 - Aug 2025

Worcester, MA

- **GPA: 3.75/4.0; High Distinction;** Dean's List 2022-2025

**Coursework:** Human Computer Interaction, Software Engineering, Mobile Ubiquitous Computing, Social Implications of Information Processing, Digital Imaging and Computer Art, Computer Graphics, Video Production, Algorithms, Webware

## SKILLS

- **Design:** User Research, Information Architecture, Accessibility, Usability Testing, Design Systems, Web Design
- **Tools:** Figma, Framer Motion, Adobe Creative Cloud, Builder.io, ContentSquare, Wordpress, Notion
- **Technical:** React.js, Next.js, JavaScript, TypeScript, TailwindCSS, HTML, Express, MongoDB, Git

## WORK EXPERIENCE

### Todd Agriscience

Product Designer

Sep 2025 - Present

Remote

- **Established foundational design components in Figma** including typography, color tokens, and reusable UI patterns, reducing hand-off time between design and development for an agricultural startup.
- **Designed interfaces** for a dual purpose platform (marketing & analytics dashboard), empowering 10+ farms and research partners including **NMSU and USDA** to track product performance and make data-driven agricultural decisions.
- Authored comprehensive brand guidelines that standardized identity and messaging across customer-facing materials.

### Schneider Electric

Product Designer Intern

Jun 2025 - Aug 2025

Boston, MA

- **Transformed Schneider's first global E2E B2C web experience** by redesigning user flows, optimizing filter architecture, and **reducing click depth by 33%** in product discovery, accelerating purchase decisions and improving conversion.
- **Conducted competitive analysis across 5+ e-commerce sites** and synthesized heuristic audits and heatmap data into strategic design recommendations, identifying critical usability gaps that informed product roadmap priorities.
- Designed accessible UI components meeting **WCAG AA compliance** standards, expanding market reach while maintaining visual consistency across rapid sprints.

### Air Force Civilian Service

Data Analyst Intern

May 2024 - Aug 2024

Hanscom AFB, MA

- Designed and deployed interactive PowerBI dashboards that visualized complex Agile operations data, **saving analysts 5+ hours weekly** and enabling leadership to make faster, data-informed resource allocation decisions.
- Re-structured data models and information hierarchies for personnel systems, **improving analyst response time to inquiries by 30%**, enhancing operational efficiency.

### Universal Education Initiative

Visual & Content Designer

Jan 2023 - Aug 2025

Worcester, MA

- Designed and launched a bilingual educational platform in partnership with Venezuelan and American embassy partners, **expanding STEM education access to 38 underserved students** in Merida, Venezuela, demonstrating impact in international development through user-centered design.
- Created digital learning resources and led multimedia production, improving curriculum accessibility and **supporting broader education equity goals from UNESCO**.

## PROJECTS

### Capstone Project: IQP Data Collection & Analytics Web App

Lead Product Designer & Frontend Developer

- Designed and prototyped a web application **serving 1,200+ students annually** in global research projects, creating end-to-end flows in Figma and implementing production-ready UI that streamlined data collection workflows.

- Led user research including persona development, journey mapping, and iterative user testing within Agile cycles, achieving **88% user satisfaction**.

#### **Mass General Brigham Hospital Kiosk**

*Lead Product Designer & Frontend Developer*

- Spearheaded design of a hospital wayfinding system (100+ nodes, 5 service modules), creating intuitive navigation glows in Figma and leading frontend implementation, reducing patient stress and improving operational efficiency.
- Coordinated an **11-person Agile team**, translating stakeholder requirements and user stories into design deliverables while maintaining design system consistency and version control across sprints.