

Tage Wrage

UX Designer / Human Factors Engineer

With 3+ years of experience, I am a UX Designer and Human Factors Engineer who improved design productivity by 400% in 6 months and decreased errors during verification, resulting in enhanced product quality at Medtronic. I also led user testing for summative studies, managed two projects and facilitated cross-functional collaboration.

Relevant Experience

Medtronic

Mounds View, MN

Human Factors Design Engineer Contingent

June 2022 - Present

- Implemented a new design system and process, leading to a decrease in errors during regulatory verification, improving product quality and compliance.
- Trained 10 mid-level and senior engineers in Figma, resulting in a 400% increase in design productivity and streamlined design workflow.
- Enhanced product usability through creation and user testing of animations, graphics, iconography, and high-fidelity prototypes.
- Moderated over 200 user feedback sessions and authored two summative studies adhering to FDA regulations.
- Managed two projects, facilitating cross-functional collaboration with developers, systems engineers, and marketing staff, contributing to improved teamwork and project outcomes.

Design U

Minneapolis, MN

Digital Division Director

Sep 2020 - May 2022

- Identified and engaged local businesses, developing project briefs with clients to ensure project goals and objectives were met.
- Managed and mentored 24 designers across four teams, providing guidance, feedback, and support throughout project lifecycle to foster skill development and project success.
- Actively participated in board meetings, providing insights, updates, and recommendations regarding the division activities, progress, and future initiatives.

Other Experience

The Home Depot

Minneapolis, MN

Universal Specialist

Feb 2021 - Jun 2022

Education

University of Minnesota - Twin Cities

User Experience Minor

GPA: 3.94

Dean's List

Product Design B.S.

Sep 2020 - May 2024

University of Wisconsin-La Crosse

Pre-Dental

GPA: 3.78

Cru Leader, Residence Life Advisor, Campus Activities Board, Dean's List

Pursuing Biochemistry B.S.

Aug 2018 - May 2020

📍 Minneapolis, Minnesota

✉ tage.wrage@gmail.com

📞 507.380.9192

💻 tagewrage.com

🌐 linkedin.com/in/tagewrage

Skills

Design: Wireframes/mock ups/hi-fidelity prototypes with XD & Figma, concept sketches, design system & style guide creation, illustration/UI graphics with Illustrator, animations in AfterEffects, interaction prototyping with Axure, storyboarding, strategy & vision presentations with InDesign

Prototyping: 3D modeling with Solidworks & Keyshot, laser cutting, modelmaking by hand & machine, rendering in Photoshop

Research: Heuristic evaluation, persona development, usability testing, user interviews, formative research sessions, data analysis in R Studio, database management in SQL, framework documentation

Human Factors: Task analysis, User Error Analysis, verification analysis, human factors documentation, authoring Design Plans (Usability Engineering File), formative & summative (validation) protocol authoring, risk analysis, risk management and mitigation

Languages: Java, Markdown, R Studio, Python, SQL

Certifications

Social / Behavioral or Humanist Research Investigators and Key Personnel Course
CITI Program

Feb 2021

Awards & Scholarships

Industrial Designers Society of America Student Merit Award School Winner

University of Minnesota - Twin Cities

Presidential Scholarship

University of Wisconsin - La Crosse

Sep 2019