

# LIAM HOUSTON

Human Factors & Technical Communications

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## SUMMARY

Recent graduate from Michigan Tech with a Master's in Applied Cognitive Science and Human Factors and a Bachelor's in Scientific and Technical Communications. Skilled in human-centered design, technical writing, graphic design, project management, and applied psychology. Eager to apply and expand my expertise in research and communication.

## EXPERIENCE

### Head Layout Editor

**The Lode | Michigan Tech | Aug 2023–Dec 2025**

- Managed the weekly production lifecycle, ensuring the timely publication of 14 weekly print editions per semester.
- Spearheaded a comprehensive publication and brand redesign, achieving a ~10% increase in user engagement.
- Streamlined production workflows by identifying critical bottlenecks, reducing weekly production times by 2 hours (roughly 28%) while simultaneously improving quality.

### President of Operations

**Husky Games Enterprise | Michigan Tech | Aug 2023–Dec 2024**

- Directed weekly operations for a 70+ member cohort, facilitating all-hands meetings and delivering research-backed presentations to align student projects with semester goals.
- Enforced quality control standards by reviewing and grading student deliverables, while simultaneously serving as the primary public ambassador for the enterprise at events.
- Served as Lead Artist and Project Manager for a 5-person development team, balancing high-level resource scheduling with the hands-on creation of all 2D and 3D art assets.

## PROJECTS

### Usability consultant | Substance abuse recovery app

- Served as a UX Consultant for an app development project, delivering a strategic roadmap of interface improvements designed to increase accessibility and usability for target user groups.

## EDUCATION

**Master of Science  
in Applied Cognitive Science and  
Human Factors**  
Michigan Technological University  
Jan 2025 – Dec 2025

**Bachelor of Science  
in Scientific and Technical  
Communications**  
Michigan Technological University  
Aug 2020 – Dec 2024

## SKILLS

### Technical

- Usability Testing
- Heuristic evaluation
- A/B testing
- Work domain analysis
- Cognitive task analysis
- Information architecture
- Workflow optimization
- Visual design
- Interaction design
- Wireframing
- Technical writing
- Copy editing

### Software & tools

- Adobe CC suite
- Google Workspace
- R Studio
- Blender
- Python
- HTML

### Professional

- Agile project management
- Cross-functional leadership
- Public speaking
- Strategic planning