THOMAS RILEY

Human Systems Integration Engineer

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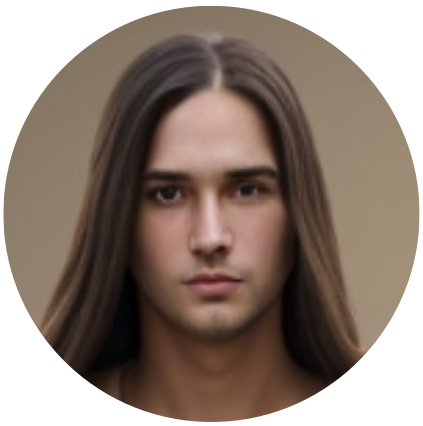

PROFESSIONAL SUMMARY

Recent graduate with a Bachelor's degree in Human Factors Engineering, seeking an entry-level role to leverage my academic knowledge, hands-on project experience, and strong analytical skills.

EDUCATION

2020 - 2024

Bachelor of Science in Human Factors Engineering

University of Mississippi / United States, Oxford, MS

- Relevant Coursework: Human-Computer Interaction, Ergonomics, Cognitive Engineering, Data Analysis
- GPA: 3.8/4.0

SKILLS

- Ergonomics and User-Centered Design — Expert
- Prototyping and Wireframing — Expert
- Cognitive Engineering — Expert
- Data Analysis and Statistical Software: SPSS, Excel — Expert
- Technical Documentation — Expert
- Software Tools: Adobe XD, Axure RP, Sketch — Expert
- Programming Basics: HTML, CSS — Expert

HOBBIES

- Photography
- Gaming
- Cycling

UNIVERSITY PROJECTS

2024 - 2024

User Interface Design for Medical Devices

Role: Project Lead

- **Description**: Led a team of 4 students in designing an intuitive user interface for a prototype medical device. Conducted user research, created wireframes and prototypes, and performed usability testing.
- **Outcome**: Improved usability ratings by 30% and received positive feedback from medical professionals.

2023 - 2023

Human Factors Analysis of Autonomous Vehicles

Role: Research Assistant

- **Description**: Analyzed human factors related to the interaction between drivers and autonomous vehicle systems. Designed and conducted experiments to assess driver trust and system transparency.
- **Outcome**: Published findings in the university's research journal and presented results at the Human Factors and Ergonomics Society (HFES) conference.

2023 - 2023

Ergonomic Assessment of Office Workstations

Role: Team Member

- **Description**: Conducted ergonomic assessments of workstations to identify and address potential risk factors for musculoskeletal disorders. Developed recommendations for workstation design improvements.
- **Outcome**: Provided actionable recommendations that led to a 20% decrease in reported discomfort among office employees.