

Jacob D. Oury

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Portfolio: OuryDesign.com

WORK EXPERIENCE

Researcher & UX Design Consultant

Aug 2017-Present

Ambition In Motion, Austin, TX – CEO: Garrett Mintz

- Provided weekly consulting to support UX design, data collection methods, and usability engineering.
- Worked with Product Team to develop user personas, flows, and UX prototypes to help provide clarity on a net-new features and the problems they are trying to solve.
- Reviewed Ambition In Motion's homepage for usability and industry design standards.

UX/UI Research Consultant and Team Manager

Jan 2023-Present

DARPA EDGE: Probabilistic Engine for Representing and Computing Enhanced Presentation Techniques for Situation Awareness – Chief Scientist: Dr. Mica Endsley

- Lead developer for a team of cognitive scientists to develop a tool for rapidly assessing the salience of visual features for a human-machine interface.
- Lead presentations in weekly meetings with military stakeholders and other team leaders to provide updates on my team's progress.
- Consult with research leads to ensure that our team meets the project objectives

Graduate Intern in User Experience Engineering

Summer 2018, 2019

L3Harris Technologies, Melbourne FL – Mgr: Mark Wynkoop

- Collaborated with Engineering Managers to research usability design recommendations for military command center interfaces.
- Analyzed functional requirements and user stories from the Product Managers to provide engineering teams with UX design mockups and usability recommendations.
- Reviewed functional requirements and user stories and collaborated with Product Managers and designers to develop high fidelity test interfaces for user testing.
- Performed interface prototyping and design using Axure and developed new interface prototypes for testing operator performance on high-stakes tasks.

EDUCATION

Ph.D in Informatics

2022

The Pennsylvania State University, University Park, PA

Dissertation: *Dismal Interrupted – How interruptions affect the learning and retention of complex procedural tasks*

B.S. (with dept. honors) in Neuroscience

2015

Indiana University – Bloomington

SELECTED PUBLICATIONS

Oury, JD, Ritter, FE (2021) Building Better Interfaces for Remote Autonomous Systems: An introduction for systems engineers. SpringerBriefs In HCI. Cham, Switzerland: Springer Nature.
Tehranchi, F, **Oury, JD**, and Ritter, FE (2021) Predicting learning and retention of a complex task using a cognitive architecture. *In Proceedings of the Cognitive Science Society (Vol. 43, No. 43).*