

# RONA SADAN

UX Research & Interaction Design



## SKILLS

Qualitative Research

Programming- Arduino

UX- Axure/Sketch

Fabrication- 3d CAD & laser cutting

Prototyping

Project Management

Adobe Illustrator

## PROJECTS

Debugging tools for E-textile  
Prototyping & Research

Braille Games  
Prototyping & Research

Modular Wooden Mobile  
Prototyping

Sonohaptic  
Design

Catakit  
Research

LightApp  
UX Research & Design

## PROFESSIONAL EXPERIENCE

University of Colorado ,Boulder | **Research Assistant.** 2018-2020

Graduate Research Assistant in the Craft Technology Lab and ATLAS Institute. I was conducting research in the field of Human-Computer Interaction and creative learning technologies for children. I led both the research and prototype design. Advised by Prof. Michael Eisenberg.

Ministry of Education (Israel) | **Consultant.** 2017-2018

I led the content development, implementation, and teachers' training of innovative curriculums to promote computer science education and creativity in schools.

Cornell-Tech University, NYC | **Research Assistant Intern.** 2017

I researched the field of Human-Computer Interaction (HCI) focusing on educational and assistive technologies with tangible user interfaces for visually impaired children. I was in charge of both the study & prototype design. Advised by Prof. Shiri Azenkot.

School of Communication, IDC Herzliya | **Teaching Assistant.** 2016-present

- Cultural Aspects of Interaction Design
- UX Design

milab, IDC Herzliya | **Project manager & Research Assistant.** 2015-2017

I led the community outreach activities of the lab. I was the executive project manager of a nonprofit maker-spaces network for children across libraries in Tel-Aviv, Israel. The position included academic research, business development, team training, and management. Additionally, I was in charge of leading the Integration process of Scratch programming language into the traditional schools' system with a collaboration of the ministry of education. I have established the "Creative Learning Israel" community.

Israel Defense Forces (IDF) | **Operation Officer.** 2008-2012

I supervised a team of 25 soldiers in operational settings. I led the strategic planning and execution of projects by my unit while collaborating with colleagues, supervisors, and service providers. The position included working under constant pressure in a fast decision-making environment, thus communicating and constantly collaborating with other teams and people.

**For this role, I received an outstanding officer award of the division.**

HEBREW

ENGLISH

SPANISH



## PUBLICATIONS

Sheriff, Aviv, Rona Sadan, Yasmin Keats, and Oren Zuckerman. "From Smart Homes to Smart Kids: Design Research for CataKit" In *Proceedings of the 2017 Conference on Interaction Design and Children*, pp. 159-169. 2017. [.Read it here](#)

Sadan, Rona. "A" Low-Floor" Multimeter: Supporting E-textile Debugging by Revealing Voltage and Continuity." *Proceedings of the 51st ACM Technical Symposium on Computer Science Education*. 2020 [.Read it here](#)

## EDUCATION

University of Colorado, Boulder | **M.S Technology, Media & Society.** Class of 2020

- Human-Computer Interaction Research
- Led E-textile community Workshops
- Served as a graduate mentor for undergraduate students
- Graduated Magna Cum Laude

IDC Herzliya | **B.A in Communication.** Class of 2016

- Major in Interactive Communication | Minor in Business Administration
- Managed a team of 5 students as part of the media innovation lab.
- Dean's list-2014-2016
- Graduated Summa Cum Laude