

Michal Luria

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EDUCATION

Ph.D. Student, Human-Computer Interaction Institute, CMU / 2016 – Present

Second year, advised by Professor **Jodi Forlizzi** and Professor **Jessica Hodgins**. GPA: 4.0

Works on Human-Robot Interaction research, with a focus on alternative design for social robots, including exploration of robot behavior, movement, morphology and applications.

B.A in Interactive Communication, IDC, Herzliya, Israel / 2012 – 2015

Advised by Professor **Guy Hoffman** and Professor **Oren Zuckerman**.

GPA: 94.78/100, Dean's List 2013 - 2015, graduated top of my class.

RESEARCH EXPERIENCE

Carnegie Mellon University, HCII, Computer Science, CMU / 2016 – Present

Narratives of Sidekick Characters as Inspiration for Designing Social Robots

Comparing Eye Designs for Social Robots

Hebrew University, School of Computer Science and Engineering / Summer 2017

Destruction, Catharsis and Emotional Release in HRI and HCI

IDC Media Innovation Lab (MiLAB), Herzliya, Israel / 2014 – 2016

Smart-home Management Robot – a new embodied interaction paradigm

Empathy Objects – robots designed to evoke empathy in human-human interactions

TangiPlan – a tangible interface to assist children with ADHD in morning routine

PUBLICATIONS

Luria, M. (2018). Designing Robot Behavior Based on Fictional Sidekick Characters. Proceedings of the Annual ACM/IEEE International Conference on Human Robot Interaction. ACM.

Luria, M., Hoffman, G., Zuckerman, O. (2017). Comparing Social Robot, Screen and Voice Interfaces for Smart-Home Control. Proceedings of CHI'17. ACM.

Luria, M., Hoffman, G., Zuckerman, O. (2016). Designing Vyo, a Robotic Smart Home Assistant: Bridging the Gap Between Device and Social Agent. Proceedings of the 25th IEEE International Symposium on Robot and Human Interactive Communication.

Hoffman, G., Zuckerman, O., Hirschberger, G., Luria, M., & Shani-Sherman, T. (2015). Design and Evaluation of a Peripheral Robotic Conversation Companion. Proceedings of the Tenth Annual ACM/IEEE International Conference on Human-Robot Interaction (pp. 3-10). ACM. – **Best paper award**

PROFESSIONAL EXPERIENCE

Head of Product / 2014 – 2015 / Hippotec Ltd.

Hippotec offers end-to-end mobile application services. Head of Product is in charge of the UX / UI and the graphical design of costumers' future products.

Content Editor & Producer / 2012 – 2014 / 106.2FM Radio Station

The Lounge – the official 106.2FM culture & leisure program. Content Editor & Producer is in charge of the show content, including determining the lineup, the interviewees and the hosts.

Project Manager / 2010 – 2012 / StyleRiver Fashion E-Commerce

First fashion E-commerce website in Israel. Project Manager is in charge of designing the user experience (UX), work with the advertisement agency and PR office, production, and general coordination and operations.

TEACHING EXPERIENCE

Guest Lecturer / 2014 – 2016 / IDC, Herzliya, Israel

In freshman, junior and senior international and Israeli undergraduate communication classes: "Introduction to New Media", "Interactive Product Design", "Media and Technology", "Research Seminar: Interactive Media"

Teaching Assistant / 2014 – 2016 / IDC, Herzliya, Israel

TA in five undergraduate courses, included teaching weekly lab classes to 170 freshman communication students: "Interactive Media Platforms", "Media and Technology", "Interactive Product Design", "Advanced Interactive Product Design", "Introduction to New Media".

Instructor in Freshman Orientation Week / 2013 / IDC, Herzliya, Israel

Prepared and taught six lectures on academia and learning techniques to freshman students.

AWARDS & HONORS

Best Paper, HRI 2015 ACM/IEEE International Conference / 2015

Dean's Honor List / 2013 – 2015

IDC Scholarship of Excellence / 2013 – 2015

COMMUNITY & NATIONAL SERVICE

"Third Generation for the Third Age" Program / 2013 - 2014 / "Beit Porteah" Nursing Home
Instructor in a program aimed at teaching basic computer and mobile device skills to elderly.

Intelligence Corps / 2008 - 2010 / Israel Defense Forces

TECHNICAL SKILLS

Prototyping / Rapid Prototyping, 3D Modeling, Arduino, 3D Printer, Laser Cutter, Circuit Design
Interface Design / Photoshop, Illustrator, Axure

Programming / Python, Processing, JavaScript, Java

Animation and Video Editing / Blender, AVID, Premiere

Other / R, Latex, SPSS

LANGUAGES

Hebrew, English, Russian / Fluent

French / Basic