

NETA TAMIR

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EDUCATION

- 2016 - Present **Ph.D., Information Science**, Cornell Tech, New York, NY
Concentration: Assistive Technologies and HCI
- 2012 - 2015 **Bachelor of Arts, Psychology**, *cum laude*, The Interdisciplinary Center (IDC) Herzliya, Israel
Concentration: Human-Computer Interaction; Honors Program
GPA: 3.97/4.00

RESEARCH EXPERIENCE

- 2014 - 2015 **Senior Research Assistant, Media Innovation Lab (miLAB), IDC Herzliya.**
Led human-computer interaction research and design, conducted field studies, lab experiments, semi-structured interviews, in-depth interviews, user testing, A/B testing, rapid prototyping, surveys, literature reviews, qualitative and quantitative data analysis
- 2014 - 2015 **Research Assistant, Maytiv Center for Positive Psychology, IDC Herzliya.**
Conducting literature reviews, designed questionnaires and online surveys, and performed quantitative data analysis to investigate sources of happiness characteristic to children in Israel
- 2013 **Summer Research Intern, IDC Institute for Learning Disabilities and ADHD, IDC Herzliya.**
Performed data entering and quantitative data analysis to evaluate an intervention program aimed to promote educational, emotional and social success among students with learning disabilities and/or ADHD

TEACHING EXPERIENCE

- Spring 2018 **INFO 7900 Cornell Tech Specialization Project**
Graduate Teaching Assistant, Cornell Tech
- Fall 2017 **INFO 4320: Rapid Prototyping and Physical Computing**
Graduate Teaching Assistant, Engineering Department, Cornell University
- Fall 2016 **INFO 7900 Connective Media Specialization Project**
Graduate Students Mentor, Cornell Tech
- Spring 2016 **Interaction Design: Cultural Aspects**
Teaching Assistant, Communications Department, IDC Herzliya
- Fall 2015 – Spring 2016 **Human-Computer Interaction Program, Media Innovation Lab (miLAB)**
Teaching Assistant, Communications Department, IDC Herzliya
- Fall 2015 – Spring 2016 **Physical/Digital HCI: Tangible User Interfaces and Beyond**
Teaching Assistant, Communications Department, IDC Herzliya

PUBLICATIONS

- Tamir, N.**, Sadan, R., Serfaty, S., & Azenkot, S. Designing Braille Learning Games for Sighted and Blind Family Members. [work in progress].
- Tamir, N.**, Feng, C., Shi, L., Hashash, S., & Azenkot, S. Improving Mobile Device Interactions for Blind Users on the Go. [In preparation for UbiComp 2018].
- Zuckerman, O., Gal-Oz, A., **Tamir, N.**, & Kopelman-Rubin, D. (2015, June). Initial validation of an assistive technology to enhance executive functioning among children with ADHD. In *Proceedings of the 14th International Conference on Interaction Design and Children* (pp. 299-302). ACM.

PRESENTATIONS, POSTERS, AND DEMOS

- 2017 **Talk given at the 5th IsraHCI Conference, IDC Herzliya, Israel**
Title: Ringo, A Wearable Mobile Device Controller that Enables Eyes-Free Access On-the-Go
Honorary mention for Best Paper

- 2016 **Demo presented at the 4th IsraHCI Conference, Shenkar College, Israel**
Title: Cubix, a musical IoT game for sensory-motor skill development among children
- 2015 **Talk given at the 3rd Annual Conference on LD and ADHD, Herzliya, Israel**
Title: Tangible Assistive Technology for Children with ADHD
- 2015 **Poster presented at the 14th International Conference on Interaction Design and Children, Boston, MA**
Title: Initial validation of an assistive technology to enhance executive functioning among children with ADHD
- 2015 **Demo and Talk given at the End of Year miLAB HCI Program 2015 event, IDC Herzliya, Israel**
Title: Initial validation of an assistive technology to enhance executive functioning among children with ADHD
- 2015 **Poster and Demo presented at the 3rd IsraHCI Conference, Microsoft R&D, Israel**
Title: TangiPlan, an assistive technology for children with ADHD

PROFESSIONAL EXPERIENCE:

- 2014 - 2015 Human Resources Intern at a start-up company specializing in Big Data
- 2013 - 2015 Math Tutor for children with ADHD and Learning Disabilities
- 2013 - 2014 Statistics Tutor for Psychology first year students
- 2012 - 2013 SAT's Teacher for students with ADHD and Learning Disabilities

MILITARY EXPERIENCE:

- 2008 - 2010 **Served as an Officer in the Israeli Air Force (IAF).**
Boot-camp company commander for soldiers of low socioeconomic background
Two-time honorary mention for outstanding behavior
- 2010 Initiated and led the development of a dedicated training program for the IAF Basic Training for recruits

UNIVERSITY VOLUNTARY SERVICE:

- 2017 Co-President of Cornell Tech's PhD student body (PACT)
- 2015 Student Volunteer, IDC 2015, Boston, USA
- 2013 - 2016 Member of the Psychology Department Social Involvement team
- 2012 - 2015 Active member at the IDC Student Council

COMMUNITY INVOLVEMENT:

- 2011 - 2012 Instructor at a weekly Social club for adults with mental and physical disabilities
- 2005 - 2010 Instructor and Volunteer Coordinator at a non-profit organization for children with special needs

AWARDS AND HONORS

- 2016- 2017 Women in Technology and Entrepreneurship in New York (WiTNY) Fellow
- 2012 - 2015 IDC Herzliya Merit Scholarship, valued at \$7,000 a year for three years (75% of annual tuition)

SKILLS:

Computer Aided Design: Axure, Adobe Illustrator, Fusion 360, Adobe InDesign, 123D Make, 123D Circuit
Research Software: IBM SPSS, Python, Qualtrics
Fabrication and Prototyping: 3D printing, Laser Cutting, Plotter, CNC, Arduino, Processing
Programming: c/c++, Java, html, css

LANGUAGES:

Hebrew: native proficiency; English: fluent; Spanish: elementary proficiency