

# NETA TAMIR

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## EDUCATION:

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- 2016 - Present **Cornell Tech, Cornell University**, New York, NY  
**Ph.D.** Candidate in Information Science  
Advisor: Dr. Shiri Azenkot
- 2012 - 2015 **The Interdisciplinary Center**, Herzliya, Israel  
**B.A. cum laude**, with Honors, in Psychology  
Concentration in Human-Computer Interaction.  
Senior Honors Thesis: Sources of Happiness Among Children  
Advisor: Dr. A. Shoshani

## AWARDS AND HONORS:

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- 2016- Present **Women in Technology and Entrepreneurship in New York (WiTNY) Fellow**, a one year fellowship awarded to one PhD student who demonstrates leadership and academic excellence.
- 2015 **Speaker at the Class of 2014 commencement ceremony**, representing the class of 2015.
- 2013 **Speaker at the Opening Ceremony** for the new psychology students, representing the Psychology School students.
- 2012 - 2015 **IDC Herzliya Merit Scholarship**, valued at \$7,000 a year for three years (75% of annual tuition).

## RESEARCH EXPERIENCE:

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- 2015 - 2016 **Research Assistant, Media Innovation Lab (miLAB), IDC Herzliya.**
- Assist Dr. Oren Zuckerman to conduct primary and secondary source research in the field of HCI.
  - Advise the TangiPlan Project team and the Lab undergraduate research assistants
- 2014 - 2016 **Research Assistant, Maytiv Center for Positive Psychology, IDC Herzliya.**
- Investigate sources of happiness characteristic to children in Israel, under the guidance of my thesis adviser
  - Conduct literature reviews on the subject of happiness, children and resilience
  - Design studies and build questionnaires
  - Conducted qualitative and quantitative data analysis
- 2014 - 2015 **Project Manager & Research Assistant, Media Innovation Lab (miLAB), IDC Herzliya.**
- Investigated the effect of a tangible assistive technology prototype called TangiPlan (intended to improve executive functioning) on children with ADHD, along with the guidance of my advisers; Dr. Oren Zuckerman and Dr. Daphne Kopelman-Rubin.
  - Managed a team of 3 CS and 3 undergraduate Communications majors.
  - Conduct literature reviews on the subject of ADHD, Executive Functioning and Technology
  - Designed and conducted research studies, Paper Prototypes and User Testing
  - Wrote study protocols and developed qualitative in-depth interviews
  - Recruited and interviewed new participants
  - Participated in the design of the Tangible User Interface (objects), the Graphical User Interface (tablet application) and the analytics system
  - Scheduled and monitored the development of the objects and tablet application
  - Conducted qualitative and quantitative data analysis
  - Co-authored several publications and presentations
- 2013 **Summer Research Assistant, IDC Institute for Learning Disabilities and ADHD, IDC Herzliya.**
- Assisted Dr. Iris Leveshaus-Erlich in the evaluation of the 'I Can Succeed' (ICS) intervention program aimed to promote educational, emotional and social success among students with learning disabilities and/or ADHD.
  - Responsibilities included data entering and assisting with quantitative data analysis of the findings using SPSS software.

## TEACHING EXPERIENCE:

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- Spring 2016 **Teaching Assistant, Faculty of Communications, IDC Herzliya.**  
*Interaction Design: Cultural Aspects*
- Advise and guide students
  - Evaluate and grade course assignments and final test
- 2015 - 2016 **Teaching Assistant, Faculty of Communications, IDC Herzliya.**  
*HCI Program, Media Innovation Lab (miLAB)*
- Direct the research aspects of the program
  - Conduct lectures and activities on Qualitative Research Methods, characteristics of HCI papers and how to conduct User testing
  - Advise and guide Psychology students; Evaluate and grade course assignments
- 2015 - 2016 **Teaching Assistant, Faculty of Communications, IDC Herzliya.**  
*Physical/Digital HCI: Tangible User Interfaces and Beyond*
- Advise and provide feedback on students work and weekly assignments
  - Respond to students' inquiries via email.

## PRESENTATIONS AND PUBLICATIONS

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### Peer Reviewed Conferences (Publications):

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  
**\*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:

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- 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:

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- 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:

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- 2012 - 2016 Panelist at the IDC Psychology department Open days/Enrollment. Participate in the Psychology department's open days, converse with perspective students and function as a panelist at the information sessions.
- 2012 - 2015 Volunteered at academic conferences held by the Psychology Department. Assisted in logistical preparations and executions of academic conferences and events.
- 2012 - 2015 Active member at the IDC Student Council.

## COMMUNITY INVOLVEMENT:

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- 2013 - 2016 Member and Mentor at the Psychology school Social Involvement team. Since September 2015 Co-manage the team along with another graduate member of the team.
- 2014 Initiated and managed the first "Psychology School Volunteering Day," attended by over 150 Psychology students and faculty members. The objective was to refurbish 20 apartments and a community center in a low socioeconomic neighborhood.
- 2011 - 2012 Volunteer Instructor, at "Tnofa," weekly Social club for adults with mental and physical disabilities.
- 2005 - 2010 Volunteer at "Amichai," a non-profit organization for children with special needs. Served as Instructor, Volunteer Coordinator, and the 'Music Project' Manager (a project that Integrates special needs children with the community, via weekly music lessons with the music department high school students).

## EXTRA-CURRICULAR ACTIVITIES:

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- 2014 - Present **Alumni of the Pro-Woman Program**, aiming to promote women in the Israeli economy. During the weekly sessions we receive mentoring from influential women from various senior positions in the Israeli market in order to provide us with management tools, motivation to action, personal development and encourage female entrepreneurship.
- 2015 **Active member of the 'She Codes' community**, an all-girl community of female programmers and technology enthusiastic. During the weekly meeting we learned to code and worked on joint projects.
- 2014 **Orientation Instructor** for first year Psychology students. Facilitated 20 first-year students throughout their first year with their transition into college life and with academic or personal issues. During their orientation week, conducted lessons and activities to empower them.
- 2014 **Zell Jump**, three day workshop aiming to empower women's leadership in the Israeli economy.

## TECHNICAL SKILLS:

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Programming Languages: Arduino, Processing, Java

Computer Aided Design/Engineering: Axure, Adobe Illustrator, Fusion 360, 123D Make, 123D Circuit

Research Software: IBM SPSS, Qualtrics

Special Technical Expertise: 3D printing, Laser Cutting, Plotter, CNC

Relevant Courses to HCI: Interaction Design; Interactive product design (UX/UI); Interactive media platforms; Arduino workshop; Processing workshop; Intro to Coding; HCI seminar.

## LANGUAGES:

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

**HOBBIES:** Fabrication, Scrapbooking, Traveling to new places, Nature Trekking, Guitar Playing, Running