

## DANA ROLL

+972547744648 || danaroll67@gmail.com || Tel-Aviv, Israel

### EDUCATION

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**Tel-Aviv University** 2019-2021

**Master of Science, Psychology, Brain and Cognition Program**

Cumulative GPA: 96.03/100

- Title of Master's thesis/ Supervisor: "Prerequisites for expectation based perceptual disambiguation: effects of attention in biasing interpretation of meaningless images". Supervised by Prof. Liad Mudrik, the department of Psychological Sciences, Tel Aviv University.
- Distinction scholarship awardee (3,000₪ + full tuition coverage), first year of studies.
- Dean's List scholarship awardee (5,000₪), first year of studies.

**Reichman University (Interdisciplinary Center Herzliya)** 2015-2018

**Bachelor of Arts, Psychology, Summa Cum Laude**

Cumulative GPA: 96.11/100

focus on neuroscience

- Participant of the "Brain and Mind" research program for outstanding students.
- Internship in Cognitive Neuroscience laboratory under Prof. Daniel Levy.
- Research Seminar: "Memory Functions of the Core Recollection Network Elements: A Neuropsychological Study".
- Dean's List, all semesters.

### RESEARCH EXPERIENCE

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**Social Action Lab, University of Pennsylvania** Jan 2024-Present  
*Predoctoral Visiting Researcher*

**Prof. Schonberg's Laboratory for the Study of Value-Based Decision Making,** 2018-Present  
**Neurobiology Department, Tel-Aviv University**  
*Academic Lab Manager*

**The Cognitive Neuroscience Laboratory,** 2016-2018  
**Psychology Department, Reichman University (Interdisciplinary Center Herzliya)**  
*Research Assistant*

### POSTER PRESENTATIONS IN SCIENTIFIC MEETINGS

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- Roll, D.,** Shir, Y., & Mudrik, L. Prerequisites for expectation based perceptual disambiguation: effects of attention in biasing interpretation of meaningless images. Poster presented at: Annual Meeting of the Israeli Society of Cognitive Psychology; February 2022 (Virtual conference).

### PUBLICATIONS

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- Gera, R., Or, M. B., Tavor, I., **Roll, D.,** Cockburn, J., Barak, S., Tricomi E., O'Doherty, JP., & Schonberg, T. (2023). Characterizing habit learning in the human brain at the individual and group levels: a multi-modal MRI study. *NeuroImage*, 272, 120002.
- Salomon, T., Cohen, A., Barazany, D., Ben-Zvi, G., Botvinik-Nezer, R., Gera, R., Oren, S., **Roll, D.,** Rozic, G., Saliy, A., Tik, N., Tsarfati, G., Tavor, I., Schonberg, T., Assaf, Y (2021). Brain volumetric changes in the general population following the COVID-19 outbreak and lockdown. *NeuroImage*, 239, 118311.

### CERTIFICATIONS

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- Good Clinical Practice (GCP) professional training.

### PROFESSIONAL EXPERIENCE

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**Biological and Cognitive Psychology** 2016-Present  
*Private Tutor*

- Prepared study programs for 15 students/year in accordance with their individual level.
- Summarized materials for each course, including specific explanations and examples for each topic.

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- Wrote simulation exams before final exams to cover all topics.

### **Israel Defense Forces Department of Human Resources**

2013-2015

#### *Recruit Coordinator*

- Controlled and monitored enlistment sequence.
- Consulted and guided new soldiers on their enlistment day, including immigrants.

## **SOCIAL ACTIVITIES**

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### **IDC Mentorship Project**

2016-2017

#### *Volunteer*

- Mentored first year students with direction, guidance, and support.
- Underwent professional training in communications, marketing and campus life to prepare for mentorship role.

## **COMPUTER SKILLS & LANGUAGES**

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- SPSS- applied statistics; MATLAB; R
- Hebrew (Native), English (Fluent), Spanish (High Level)
- Online Research Platforms: Qualtrics, Amazon Mechanical Turk