

# Tomer Oz

## Personal Details

**Cell Phone:** +972 527721357

**Email:** [tomer.oz22@gmail.com](mailto:tomer.oz22@gmail.com)

**Birth Date:** 05.10.91

## Education

**2018 - Present:** Ph.D Student in clinical psychology, University of Haifa.

**2015 – 2018:** B.A. in psychology & political science, University of Haifa (grade 97, Summa Cum Laude)

## Experience

**2018 – Present: Ph.D Researcher –** Behavioral Game Theory & Interpersonal similarity modeling

### **Research Projects:**

- **Machine learning based model that predicts Interpersonal similarity perception and conflict cooperation**

From the perspective of Behavioral Game Theory, my current research aims to identify the features that predict interpersonal similarity perception and later cooperation (or defection) in mixed motive situations (such as the prisoner's dilemma etc.). In my research I incorporate Python programming in order to design experiments, analyze data and train models (using Tkinter, pandas, numpy, scikit-learn etc.).

- **Interpersonal similarity prediction using Twitter data**

Following my first project's line of thought, I'm currently developing a research app on Twitter meant for studying similarity and cooperation between Twitter users (using tweepy). I intend to analyze Tweets' content and additional users' data, in order to extract and compute different psychological, behavioral and social measures. These measures will be utilized to predict the degree of cooperation between users (such as making a like, choosing to follow etc.). In addition, a research chatbot will be used to communicate with a sample of users in order to get self-reported measures.

- **Geopolitical conflicts mathematical representation and prediction**

As part of the laboratory's primary endeavor, I'm involved in the development and analysis of the mathematical representation of real geopolitical conflicts such as the refugees' acceptance\rejection in Europe, the Brexit debate, the Wall-Mexican immigrants debate and the Israeli-Palestinian conflict.

### **2018 – Present Laboratory Manager (SD & EoC Lab)**

As a laboratory manager, I'm involved in the development and maintenance of all the laboratory projects and I coordinate and lead participation in external events. In addition, I'm in charge of students' recruitment and building the laboratory's website.

### **2017-2018 Teacher Assistant, University of Haifa, School of Political Science**

As a T.A. I taught the course "Introduction to political science". I had two groups of 25 students each, I built and checked both the semester's final exam and assignment.

### **2016 - 2018 Research assistant, University of Haifa - The Social Anxiety Lab**

As part of my work in the Social Anxiety laboratory (supervised by Dr. Idan Aderka), I recruited subjects, conducted clinical interviews (M.I.N.I) in order to diagnose social anxiety disorder (SAD) and other mental health conditions, and ran a clinical experiment.

### **2010 – 2013 IDF Officer**

I commanded a platoon and later became second in command company commander in a military police battalion that was stationed at the West Bank.

## **Skills**

### **- Python programing**

Two years' experience with python, **mostly self-thought** (code academy, data cam, udemy stack overflow, and documentations, partly official (Intro to Python at the University of Haifa - grade 100, two Data Camp courses,)

- Data Analysis & visualization
- Developing user graphical interfaces
- Twitter data-mining and analysis
- Program development (dynamic experiments, mini-games)

### **- HTML, CSS, JS**

### **- MATLAB – Data Analysis & visualization**

### **- Experiments design**

### **- Game Theory – Theoretical and behavioral use**

- **Psychological assessment** – clinical interview

## **Languages**

Hebrew (Mother tongue), English (Fluent), German (Beginner)