

Yaffa Tziporah Atkins

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Goal:

- I intend to earn a master's in Data Science or Statistics and work as a Data Scientists.

Education:

- Hebrew Theological College/Blitstein Institute, part of Touro University. Graduating Spring 2021 with a BA in Computer Science as a member of the Honors Program.

Work History:

- Worked for Dr. Susan Sharfstein, Professor of Nanobioscience at SUNY Polytechnic Institute, analyzing data from differential gene expression experiments, identifying which of those genes cause a change in specific biological processes.
- Worked for a global non-profit on one project, analyzing their survey results, identifying which factors affected their fundraising to bring in more money in the future.
- Substitute at Cheder Lubavitch Hebrew Day School and Lubavitch Girls High School, 2019 - Present
- Private teacher for 3 subjects for a high school student with learning disabilities, 2019—Present
- Ran a cooking club for young children 2019—2020
- Head counselor at Camp Gan Israel Northbrook IL, 2019
- Managed canteen including campers financial accounts at Camp Pardes Chana, Montreal, 2019
- Camp counselor at various day camps and overnight camps 2014-2018.
- Ran the children's club at my Synagogue, 2015—2018.

Projects:

- Created a simulation to test the degrees of freedom for an t-test comparing the means of two populations and submitted it to Statistics & Probability Letters.
[\(www.github.com/Yatkins/Degrees_of_Freedom\)](https://www.github.com/Yatkins/Degrees_of_Freedom)
- Created a relational database as well as a user-friendly interface to query and edit it.
- Used API calls to send mail between to two separate servers I created.
- Researched linked lists, coded it, and taught it to my class.

Languages

- MySQL, R
- Java, JavaScript
- PHP, HTML

Extra-Curricular:

- Jerusalem Science Contest, 2017 and 2018
- Breakthrough Junior Challenge 2018
- Drama leader for high school theatrical production, 2017
- High school graduation trip organizer, 2018
- Instructor at a chess club 2017-2018