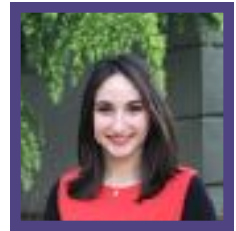# AVITAL WEISINGER

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EDUCATION

Michlelet Mevaseret Yerushalayim & Touro College - Jerusalem, Israel - September 2016-2017

Studying bible, Jewish law, and Jewish philosophy abroad in Israel. Experiencing the country through touring, learning its rich history, and community service.

Bruriah High School - Elizabeth, NJ - 2016

Dual curriculum of Jewish and secular subjects. *Graduated with a 4.0 average.*

Girls Who Code Summer Immersion Program (SIP) - Viacom NYC Class of 2015

7 weeks of intensive instruction in robotics, web development and design, and mobile development. Received mentoring from female engineers and entrepreneurs.

CIJE Engineering Track - Bruriah High School - 2013-2015

Demanding year long engineering track in sophomore and junior years where Arduino and C++ was taught and projects to better the world were made. *Project Finalist both years.*

COMPUTER SCIENCE EXPERIENCE

Proficient in Python, C++, HTML, CSS, JavaScript, jQuery, Bootstrap, Scratch

National Service in Israel in Schneider Children's Hospital-Present

Teaching computers, robotics, and art in the child life room to children who are in-patient and missing school.

Tutor for Computer Science 2016-Present

Teaching computer science to middle schoolers after school starting with the basics of Scratch.

Teachers Assistant at Girls Who Code SIP - AIG NYC Class of 2016

Assisted in the instruction of the Girls Who Code computer science curriculum to 20 high-school aged girls. Supported the teacher in classroom management, lecture, discussions, and in all other classroom activities. Counseled students as a mentor during and after the program.

Winner of Yeshiva University Hackathon - January 2016

PROJECTS

Color Clothing Coordinator (CCC) - CIJE Engineering Track - May 2014

The CCC detects colors of knit fabrics to help blind and colorblind people match their socks, gloves, and other clothing items. *Arduino, C++*

EYE.TO - CIJE Engineering Track - May 2015

Using their eyes to direct the device, the EYE.TO acts as an ALS patient's pointer finger to easily and freely communicate with people around them. Wherever the patient looks, the laser on the device will point. *Arduino, C++*

NYC RUSH - Girls Who Code SIP - Summer 2015

NYC RUSH is a game where the players dodge tourists and other hazards found on NYC streets and clean up the city. *NYC Rush is within an HTML canvas and uses the languages JavaScript processing, HTML, and CSS.*

LEADERSHIP AND WORK EXPERIENCE

Child care provider - 2010-Present
Art teacher in a home for children with broken homes - Jerusalem, Israel - 2016-2017
Counselor for children with special needs - 2012-2017
Founder and President of Art Club - Bruriah High School - 2014-2016
Art Editor of yearbook - Bruriah High School - 2015-2016
Head of school fundraising - Bruriah High School - 2016