

# NADAV HAMES

## UNDERGRADUATE COMPUTER SCIENCE STUDENT

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## Skills

### PROGRAMMING

Javascript, html, css  
Jquery  
Peerjs  
Bootstrap  
Java  
Android Application  
Development  
Python  
Learning: C, RISC-V, React

### MUSICAL

Amateur Trumpeter  
Arranger and Composer for  
Ensemble

### LINGUISTICS

Fluent in English and Hebrew

### APPLICATIONS

Google Drive  
Microsoft Office Suite  
Some Experience with Android  
Studio  
Brackets.io  
Eclipse  
Visual Studio Code

## Education

York University  
Candidate for Hons. iB.Sc. Computer Science 2020

Yeshivat Eretz HaTzvi  
Year Abroad Jewish Studies 2016

TanenbaumCHAT Kimel Campus  
OSSD High School 2015

## Employment

Hatch Canada 3202 Yonge St, Toronto, Ontario  
Assistant Coach Oct 2017 to Current

- Taught Javascript programming to kids ages 7-17
- Diagnosed problems that students had with their code and helped them find solutions
- Worked with other coaches to maintain a constructive, self-paced environment

Lifeguard 770 Chabad Gate, Thornhill, Ontario  
Chabad Lubavitch Day Camp Jul 2016 to Aug 2016, Jul 2017 to Aug 2017

- Lifeguarded at camp's pool, ensuring a safe and fun environment for the campers
- Maintained and managed the pool equipment, building and water composition
- Supervised a public swim on Sundays

Specialist Counsellor and Lifeguard 1485 Murphy Road Ennismore, Ontario  
Camp Moshava Ennismore Jun 2015 to Aug 2015

- Oversaw the daily running of the camp lake and upkeep of its equipment
- Participated in daily lifeguarding, canoeing and boating with the campers
- Worked with campers and co-counsellors on group activities and trips outside of the lake

Swim Instructor 155 Hilda Ave. Toronto, Ontario  
Aqua Kids Swim School Nov 2014 to Mar 2015

- Taught bronze level swimming and life-saving courses in both private and group settings
- Prepared detailed lesson plans and helped students towards achieving course goals
- Coordinated with other lifeguards and members of staff around the pool area to ensure proper operation of the school

## Projects

Composition - Classy Stride (link) Nov 2014 to Apr 2015  
- First high school graduate whose original work was selected for performance at the music program's spring concert (April 2016, 400-500 people)  
- Completed towards final summative task of senior music course at TanenbaumCHAT  
- Performed at the end of senior year performance (June 2015, 60-70 people)

Arrangement - We Are Unbreakable (link) Jan 2017 to Mar 2017  
- Jointly arranged the above pop song by Hedley for ensemble by request of the McMaster University ensemble.  
- Performed in a musical at McMaster University

More Projects (link) Current  
- Othello multiplayer game using JavaScript and p2p networking  
- Turmite Turing Machine Simulator (work in progress)

## Awards

TanenbaumCHAT · Rabbi Marvin B. Pachino Award Jun 2015  
Awarded for excellence in Judaic Studies and for continuing Jewish Education in Israel.

Minister of Education · Ontario Scholar Award Jun 2015  
Awarded for achieving an overall average of 80% or above on the top six courses in senior year.

## Volunteering

Limmud Toronto · In-Session Support Mar 2017  
150 King St West Toronto, Ontario  
- Addressed technology needs of various presenters and provided timing cues throughout their presentations

Beth Arvham Yosef of Toronto Congregation · Youth Group Leader Sep 2011 to Jun 2013  
613 Clark Ave. West Thornhill, Ontario  
- Assisted in the weekly operation of youth groups for boys grades 3 to 6

Bnei Akiva of Toronto · Counsellor/Leader Sep 2011 to Jun 2014  
45 Canyon Avenue Toronto, Ontario  
- Organised and led weekly events and activities for Jewish youth, emphasising the importance of the state of Israel and Judaism  
- Supervised as a counsellor on frequent weekend retreats