

# Alison Stiel

19 Lapis Circle, West Orange, NJ 07052 | (973) 985-2356 |  
astiel1@binghamton.edu | <https://www.linkedin.com/in/alisonstiel> | <https://alisonstiel.github.io>

---

## Education

**Binghamton University**, State University of New York  
Bachelor of Arts in Mathematical Science, Minor in Computer Science

Expected May 2018  
Cumulative GPA: 3.33/4.00

---

## Skills

**Languages:** Python, Java, SQL, Javascript, HTML/CSS, C, LC3 Assembly

**Tools and Software:** Django, PostgreSQL, nvd3, Git, Bitbucket, Heroku, Bootstrap, PyCharm, Eclipse, Logisim, InVision  
Advanced written and spoken Hebrew

---

## Relevant Courses

CS 110: Programming Concepts and Applications (Python)  
CS 120: Computer Systems & Machine Org (Assembly and C)  
CS 140: Programming with Objects (Java)

MATH 330 - Number Systems and Theory  
MATH 304 - Linear Algebra  
MATH 371 - Ordinary Differential Equations

---

## Professional Experience

### Greystone Labs at Greystone Co., Software Development Intern

New York, NY - **June-August 2016**

- Operated alongside full-time developers and followed Agile/Scrum methodology
- Researched company's loan process and designed web page prototype with InVision
- Parsed through mortgage loan company's data pulled from Salesforce and wrote complex queries using PostgreSQL
- Developed a dynamic web application for client use from back end to front end
- Organized database into tables and views for application's use and wrote code according to MVC structure using Django
- Applied nvd3 charting libraries within the Django template to create the charts and graphs
- Utilized Bootstrap to ensure a simple and sleek front end, Bitbucket to push and save code, and Heroku to deploy

### Yudek, Inc., Social Media Intern/Street Team Leader

Warren, NJ - **May-August 2015**

- Conducted research on Internet trends and websites for the betterment of the company's product; documented and organized findings in spreadsheets
- Administered company's various social media presences and kept them updated and relevant using Buffer
- Corresponded closely with both company's founder/CEO and technical founder in order to be best familiarized with start-up culture

### 601 West Management Corp., Real Estate Investment Firm - Administrative Intern

New York, NY - **June-August 2014**

- Compiled and arranged investor's names, contact information, W-9 and EINs from written files, excel documents, and Microsoft office into new investor organization system
- Communicated with investors in a professional manner via email

---

## Projects

### Python Development

**December 2015**

- Created Hangman game in GUI (Tkinter) game featuring clean layout, simple interface, and 500 random words to guess from
- Comprised game with two logic classes: a Word class that utilizes Sqlite to select word from a database of words, and a Game class that integrates the rules of the game
- Programmed an additional HangmanGUI class to set up the GUI's buttons, entry boxes, and changing labels, and link the GUI to the logic classes
- Implemented exception handling and warnings

---

## Leadership and Involvement

### Women in Technology at Binghamton, Member

**September 2016 – Present**

- Network with other females passionate about technology
- Gather information about and prepare for upcoming tech opportunities

### Kaskeset A Cappella, Executive Boerd Member, Musical Director

**September 2014 – Present**

- Instruct 12-18 members of the group every semester by running rehearsals and teaching music
- Collaborate with president and business manager to manage the group and make important group decisions
- Held roles such as Merchandise Manager, Vice President, and Assistant Music Director

### Binghamton University Women's Chorus, Member

**September 2016 – Present**

### Chabad House at Binghamton, Event Coordinator and Regular Volunteer

**September 2014 – Present**

### TAMID Consulting and Finance Group at SUNY Binghamton, Founding Member

**January 2016 – September 2016**

**Certified in Lifeguarding, First Aid & CPR**