

# OLINA STATHOPOULOU

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## EDUCATION

### NEW YORK UNIVERSITY

*Bachelor of Arts in Mathematics and Computer Science; Minor in Dramatic Literature*

- GPA: 3.5 out of 4.0

**New York, NY**

*Class of 2018*

### HELLENIC AMERICAN EDUCATIONAL FOUNDATION (HAEF)

*Secondary Education – Science and Technology Specialization*

**Athens, Greece**

*Class of 2014*

## TECHNICAL SKILLS

### PROFICIENT

- Languages: Java, Python, JavaScript, HTML/CSS
- Frameworks and tools: Django, Node.js, Git, LaTeX, MongoDB, MEAN Stack

### EXPERIENCED

- Languages: SQL, C, MATLAB
- Frameworks and tools: jQuery, Bootstrap, Handlebars, PostgreSQL, Linux (Ubuntu), Photoshop, Angular JS

## PROFESSIONAL EXPERIENCE

### COURANT INSTITUTE OF MATHEMATICAL SCIENCES

*Teaching Assistant (Computer Science & Mathematics)*

**New York, NY**

*September 2016 – May 2018*

- Graded ~35 students' weekly homeworks and daily quizzes for math classes ranging from Calculus I to Linear Algebra and wrote detailed reports about students' performance to inform the class' pace.
- Led weekly lab section in introductory Python programming class covering programming basics, control structures, modules, object-oriented programming, etc. where students worked on in-class assignments.
- Guided ~70 students through difficult take-home assignments (interactive games, logic trees, etc.) and debugged their code during office hours.

### ARETE EDUCATIONAL CONSULTING

*Software Engineering Intern*

**New York, NY**

*September 2017 – December 2017*

- Built Python module to generate testing materials based on standardized tests and parse them into LaTeX.
- Wrote algorithms to confirm the validity of solutions to generated tests and catch any errors.

### VESTIVISE

*Software Engineer in Test*

**Brooklyn, NY**

*May 2017 – August 2017*

- Built test suite for web application's back-end (built with Python in Django framework) and API endpoints.
- Performed test execution using Django testing module, analyzed errors and resolved bugs identified in testing.
- Developed algorithm for Sharpe Ratio calculation that was later implemented in the application.

## LEADERSHIP

### WOMEN AND YOUTH SUPPORTING EACH OTHER (WYSE)

*Mentor*

**New York, NY**

*September 2015 – May 2018*

- Chosen as 1 of 26 women mentors to participate in curriculum-based program. Mentored at-risk eighth-grade girls to make positive, informed choices through one-on-one relationship building and weekly sessions.

## PROJECTS

### SMOODIFY

*JavaScript, MEAN Stack, Embedded JavaScript templates, HTML/CSS, passport.js, Spotify SDK & API*

<https://smoodify.herokuapp.com/>

*Spring 2018 – Present*

- Building a music streaming application that dynamically understands the user's mood and generates a playlist based on it.
- Users can create profiles, connect their Spotify accounts, and use the application to play music.

### DINR

*JavaScript, Node.js, Express.js MongoDB, Handlebars, HTML/CSS, passport.js, Yelp Fusion API*

<https://thedinr.herokuapp.com>

*Fall 2017*

- Built a web app that provides users with personalized restaurant recommendations using Express.js and Node.js.
- Users can create profiles, specify their dietary restrictions, add friends and create events to get restaurant recommendations.

### QUIZZFEED

*Python, Django, Scrapy, PostgreSQL, HTML/CSS*

*Summer 2017*

- Scraped BuzzFeed's quizzes section using the Scrapy module and stored quizzes into a PostgreSQL database.
- Built a web app using Django which generates random quizzes from database.

## SKILLS

- Languages: English (native), Greek (native), French (limited working proficiency).