

# OLINA STATHOPOULOU

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## EDUCATION

### NEW YORK UNIVERSITY

*Bachelor of Arts in Mathematics and Computer Science*

**New York, NY**

*Expected May 2018*

- GPA: 3.5 out of 4.0
- Minor in Dramatic Literature.
- Relevant Coursework: Linear Algebra, Real Analysis, Abstract Algebra, Ordinary Differential Equations, Theory of Probability, Data Structures, Computer Systems, Operating Systems, Algorithms, Numerical Computing, Applied Internet Tech, Networks.

### 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

### EXPERIENCED

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

## PROFESSIONAL EXPERIENCE

### ARETE EDUCATIONAL CONSULTING

*Software Engineering Intern*

**New York, NY**

*September 2017 – Present*

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

### COURANT INSTITUTE OF MATHEMATICAL SCIENCES

*Computer Science Teaching Assistant*

**New York, NY**

*June 2017 – Present*

- Lead weekly lab section in introductory Python programming class covering programming basics, control structures, modules, object-oriented programming, etc. where students work on in-class assignments.
- Guide ~70 students through difficult take-home assignments (interactive games, logic trees, etc.) and debug their code during office hours.

### 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.

### COURANT INSTITUTE OF MATHEMATICAL SCIENCES

*Mathematics Grader*

**New York, NY**

*September 2016 – September 2017*

- Grade ~35 students' weekly homeworks and daily quizzes for classes ranging from Calculus I to Linear Algebra.
- Write detailed reports about students' performance to inform the class' pace.

### POWERS EDUCATION

*Web Intern*

**New York, NY**

*September 2016 – January 2017*

- Wrote summaries of news articles about women and technology and posted them daily on the blog.
- Helped develop, design, and maintain website the blog was hosted on; increased traffic by 35%.

## LEADERSHIP

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

*Mentor*

**New York, NY**

*September 2015 – Present*

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

## PROJECTS

### DINR

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

**<http://linserv2.cims.nyu.edu:16911>**

*Fall 2017*

- Building 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 groups to get restaurant recommendations.
- Employing MongoDB and Mongoose to create and store user profiles, and the Yelp Fusion API to get restaurant data.

### QUIZZFEED

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

*Summer 2017*

- Scrapes BuzzFeed's quizzes section using the Scrapy module and generates random quiz.
- Currently implementing a search feature using categorization of quizzes with natural language processing.

## OTHER SKILLS

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