

OLINA STATHOPOULOU

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PROFESSIONAL EXPERIENCE

ARETE EDUCATIONAL CONSULTING

Software Engineering Intern

New York, NY

September 2017 – Present

- Build Python module to generate testing materials and parse them into LaTeX. Write algorithms to confirm the validity of solutions to tests. Develop interactive web application for standardized testing prep.

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 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.

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 Organization, Operating Systems, Algorithms, Numerical Computing, Applied Internet Technology, Computer Networks.

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

QUIZZFEED

Python, Django, Scrapy, PostgreSQL

Summer 2017

- First web app built independently. 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.

SKILLS

- Programming: Proficient in Java, Python, JavaScript. Familiar with SQL, C, HTML/CSS.
- Frameworks/Tools: Django, Node.js, Git, jQuery, Bootstrap, LaTeX, PostgreSQL, Linux (Ubuntu), Photoshop.
- Natural Languages: English (native), Greek (native), French (limited working proficiency).