

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 – 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.

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.

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

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

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

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.
- Employed 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

- 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.
- 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).