

OLINA STATHOPOULOU

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EDUCATION

NEW YORK UNIVERSITY

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

- GPA: 3.47 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

EXPERIENCED

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

PROFESSIONAL EXPERIENCE

BLUEGROUND CO

Software Engineering Intern

New York, NY

January 2018 - Present

- Implement algorithm to calculate best route and schedule possible for tasks (i.e. repairs) across multiple properties in a city.
- Build interface for displaying daily schedule and route for company's "runners."

COURANT INSTITUTE OF MATHEMATICAL SCIENCES

Teaching Assistant (Computer Science & Mathematics)

New York, NY

September 2016 - Present

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

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 - 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

GREENWICH MUSE

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

<http://greenwich-muse.herokuapp.com>

Winter 2017 - Present

- Commissioned to build a web app serving as an artist registry for Greenwich, CT where each artist's profile page will be individually designed according to their vision. Implemented admin interface for CRUD operations to database.

DINR

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.

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).