

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, MEAN Stack

EXPERIENCED

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

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

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).