

Boaz Kaufman

3322 12th Ave #2
Brooklyn, NY 11218
(917) 868-3732
bk1nyc@gmail.com
boaz.kaufman97@myhunter.cuny.edu
[GitHub](#) [LinkedIn](#)

EXPERIENCE

Bridge to Enter Advanced Mathematics Counselor

July - August, 2019 & 2020

Worked with middle school students to learn math strategies that they didn't learn in school. Was a TA for a class on prime numbers and Python programming. Managed grading a higher-challenge problem set. Organized weekly math contests.

Columbia Achievement Initiative at FDA II HS Tutor

February - May 2020

Tutoring geometry and precalculus one-on-one with students in Frederick Douglass Academy II High School in Harlem. Also teaching game design and programming basics during a lunch club.

EDUCATION

Macaulay Honors College @ CUNY Hunter College

Computer Science and Classical Studies Majors

Math and Music Minors

GPA: 3.78

Relevant Courses: Calculus II, Discrete Mathematics, Computer Science Analysis & Design 3, Computer Architecture 2. [Unofficial Transcript](#)

August 2018 - Present

PROJECTS

[Laser Chess](#)

Video game built with the open-source Godot engine. Position your mirrors on a board to strike the enemy king with your laser.

[ShowMeOuter.space](#)

Website built for the SBUHacks Hackathon. I handled parts of both front end and back end. Connect stars to make constellations.

As of August 2020, the website is no longer hosted.

SKILLS

Typing Speed - 75 WPM

Proficient In:

Java

C++

HTML

CSS

Python

LaTeX

Bash

Godot/GDScript

Familiar With:

Flask

JavaScript

GIMP

AWARDS AND HONORS

AP Scholar with Distinction for high scores on five AP tests

AATG Silver Medal for a high score on the American Association of Teachers of German exam, 2017

National Merit Scholarship Finalist

Excelsior Book Prize in Introductory Latin

Solomon Bluhm Scholarship for Classical Studies

LANGUAGES

English, Latin, German

VOLUNTEER EXPERIENCE

NYC Regional Science Olympiad Volunteer Judge

February 2019

Proctored and judged High School teams competing in the “Mission Possible” build event; proctored and graded the “Fermi Questions” test. Prior two years were spent as a contestant in the olympiad.

Williamsburg Preparatory High School – Intro CS Lab Support

August 2019 - Present

Assisting in classroom procedures for high school students taking a Snap! coding course based on UC Berkeley’s Beauty and Joy of Computing curriculum. Answering student questions, monitoring lab sessions, and writing lesson plans.

EXPERIENCE

High School for Math, Science, and Engineering CCNY Physics TA

July 2017 - August 2017

Worked for the CCNY Summer STEM program for high school and middle school students. Answered student questions, graded tests, coordinated projects.

High School for Math, Science, and Engineering @CCNY — Regents with Honors Diploma

September 2014 - June 2018

Columbia Achievement Initiative at FDA II HS

Tutor

February 2020 - Present

Tutoring geometry and precalculus one-on-one with students in Frederick Douglass Academy II High School in Harlem. Also teaching game design and programming basics during a lunch club.

Art of Problem Solving Initiative – USA Math Talent Search

USAMTS Grader

October 2019 - February 2020

Graded submissions to the USAMTS, a difficult proof-centered math test for middle and high school students.

PROJECTS

[Knight’s Tour](#)

Recursive solution to the Knight’s Tour written in C++. Runtime $O(n^2)$

AWARDS AND HONORS

English Departmental Award for excellence in high school English courses, 2018