# Alex Thompson

## Student at Stuyvesant High School

**Alex Thompson**
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## Skills

Strong math student, knowledgeable in python, SQL, javascript, CSS, mongo, flask, C, and apache2, proficient in any computer operating system, familiar with and comfortable with building and constructing PC computers, team player, excellent communication skills, certified lifeguard, first aid and CPR certified. Also waterfront certified.

During quarantine, I've also begun to teach myself the principles of cybersecurity with the aid of the internet and am familiar with many industry-grade cybersecurity tools.

## Experience

### Software Development / Advanced CS class
September-June, 2019-2020
Learned and practiced the use of different software development tools like python, flask, mongo, apache2, SQL, apache cordova, html, javascript, and CSS.

### Systems Level Programming / Advanced CS class
September-January, 2019-2020
Learned the basics of C and its direct interaction with the computer at a base level. Created multiple projects including a customized terminal and networking system.

### Asphalt Green / Lifeguard
December-March, 2019-2020
Worked with a team of lifeguards guarding two indoor pools at the Asphalt Green Lower East Side complex

### Gowanus Dredgers / Canoe Director
September-November, 2018
In charge of having people fill out paperwork and helping then take out canoes in the gowanus canal.

### Girl's Quest / Lifeguard
May 20 - May 30, 2017 ; August 22 - August 29, 2017 ; August 5 - August 22, 2019

Responsible for all lakefront activities at Girl's Quest facility in Windham, New York. Included swim lessons, lifeguarding, boating, etc.

**Camp Sangamon /** Lifeguard

May 20 - May 30, 2017 ; August 22 - August 29, 2017

Responsible for lifeguarding and swim-teaching with a team at a waterfront dock in Vermont.

**Sailing Experience**

September 2016 - April 2017

I have a bit of experience sailing J24 sailboats on the Hudson River. I also own a 17 foot sailboat, which I take out in Jamaica bay.

**Camp Sangamon /** Counselor in Training

June 28 - August 7, 2017

Rotated work assignments weekly in various program areas including horse stables, waterfront, blacksmithing, model rocketry.  Also performed daily kitchen and cleaning duties throughout the campus.

**Amante Farm /** Farmers Market Assistant

Sundays 6 AM - 4 PM from 11/2016 through 5/2017

Set up stand in the morning, cashiered, restocked, loaded the truck and cleaned up.

**Independent Computer Consultant**

2016 - present as needed

Assisted in the construction of desktop PC computers. Installed hardware and software for the owners. Assisted with ongoing troubleshooting.

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## Education

**Stuyvesant High School**

9/16 - 6/20

**Mark Twain Intermediate School**

9/13 - 6/16

Music program

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## Accomplishments

Varsity Lacrosse team captain Junior- Senior, First chair Trumpet in Stuyvesant Symphonic Band and Orchestra Freshman-Senior, First chair Trumpet in All CIty Band, First chair Trumpet in Brooklyn Youth Music Project.

Also check out my github for projects I've done->
https://github.com/athompson00

And my flask-apache website -> 167.172.235.63