

# Joshua Yam

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## EDUCATION

### NEW YORK UNIVERSITY

**TANDON SCHOOL OF ENGINEERING**  
Bachelor of Science in Computer Science  
Expected May 2020 | Brooklyn, NY

## LINKS

Github:// [yamjoshua](#)  
LinkedIn:// [joshua-yam](#)

## COURSEWORK

Data Structures and Algorithms  
Object Oriented Programming  
Computer Architecture  
Discrete Math  
Data Analysis  
Design and Analysis of Algorithms  
Computer Networking

## SKILLS

### LANGUAGES

Javascript  
HTML  
CSS  
C/C++  
Python  
Java  
Bash

### OTHER

Operating Systems:  
Windows • MacOS  
Unix/Linux

Technologies:  
Git • Google DFP  
Latex • Node.js  
Adobe Creative Suite • Lightroom  
Kramer • LabView

## CERTIFICATIONS

COMPTIA A+ 220-801  
Kramer Control System Programmer  
Kramer Control System Designer  
American Red Cross Lifeguard

## EXPERIENCE

### DAI1 MEDIA GROUP | FREELANCE SOFTWARE DEVELOPER

June 2018 – September 2018 | Manhattan, New York

- Developed a PDF parser application using Python and the Tika library that was able to scan through hundreds of Chinese documents and output a single CSV file containing key information.
- Spearheaded the project along with a cross-functional team in order to ensure the correct output.
- Ensured program robustness by appropriately addressing errors resulting from unexpected inputs.

### NYU WEB AND MEDIA SERVICES | MEDIA SERVICES TECHNICIAN

September 2016 – Present | Brooklyn, New York

- Diagnosed and coordinated technical activities for 50+ classrooms.
- Ensured the effective delivery of local and audiovisual services.
- Troubleshooted and diagnosed issues promptly to satisfy clients' expectations.

### KWELLER PREP TUTORING AND EDUCATIONAL SERVICES | TUTOR

October 2016 – Present | Manhattan, NY

- Provided one-on-one tutoring for high school students for subjects such as Advanced Placement Computer Science.
- Developed and executed a curriculum that resulted in more than 50% of students being admitted into specialized high schools.

### FASHION FANZINE | WEB DEVELOPER/PHOTOGRAPHER INTERN

June 2015 – September 2017 | Brooklyn, NY

- Implemented a responsive design to the website with primarily Javascript and CSS as a Front-End web developer.
- Integrated the Google Publisher Tags API in order to serve correctly sized advertisement content.
- Set up multiple sets with optimal equipment and lighting.

## PROJECTS

### WEB AND MEDIA SERVICES SCRIPTS

- Wrote multiple scripts using Javascript.
- Takes events from the work Google Calendar and outputs a checklist that student workers can mark off throughout the day.
- Tallies the number of hours each employee has worked given a certain range of dates.

### JOSHYAM.COM

My personal website created with HTML, CSS, and Javascript.

## EXTRACURRICULARS

### NEW YORK POSEIDON DRAGONBOATING

Won eight gold medals at the HSBC HKDBF (2016/2017)

### NYU DIVISION 2 CS:GO

Seeded sixth in the CSL 2017/2018 season with a 12-2 record.