

Joshua Yam

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EDUCATION

NEW YORK UNIVERSITY

TANDON SCHOOL OF ENGINEERING

Bachelor of Science in Computer Science

Minor in Math and Cybersecurity

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

Network Security

Cryptography

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 VARISTY CS:GO

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