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:
Adobe Creative Suite • Git • Latex
LabView • Kramer

CERTIFICATIONS

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

EXPERIENCE

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 audio visual services.
- Assessed and diagnosed issues promptly to satisfy clients' expectations.

GOOGLE | SOFTWARE ENGINEERING INTERN
May 2013 – Aug 2013 | Mountain View, CA
- Worked on the YouTube Captions team in primarily vanilla Javascript and Python to plan, design and develop the full stack implementation of a new framework to add and edit Automatic Speech Recognition captions.
- Created a backbone.js-like framework for the Captions editor.
- All code was reviewed, perfected, and pushed to production.

PHABRICATOR | OPEN SOURCE CONTRIBUTOR & TEAM LEADER
Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY
- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator, the entire Lipsum application, ported Tokens to different apps, fixed many bugs and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

RESEARCH

CORNELL ROBOT LEARNING LAB | HEAD UNDERGRAD RESEARCH
Jan 2014 – Present | Ithaca, NY
Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments. Publication submitted.

CORNELL PHONETICS LAB | HEAD UNDERGRADUATE RESEARCHER
Mar 2012 – May 2013 | Ithaca, NY
Lead the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research. Publication submitted.

AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	2nd most points	Google Code Jam, Qualification Round
2014	1st/50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7th/120	CS 3410 Cache Race Bot Tournament
2012	2nd/150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist
2010	National	Comp. Soc. of India's National Programming Contest

SOCIETIES

2014	top 12%ile	Tau Beta Pi Engineering Honor Society
2014	National	The Global Leadership and Education Forum (tGELF)
2012	National	Golden Key International Honor Society