

William Tsao

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Education



New York University

GPA 3.7

September 2014—May 2018 (expected)

B.A. Computer Science

Coursework(topics/language used):

Intro to Computer Programing (python)	Intro to Computer Science (Java)	Data Structure (Java)
Computer System Organization (C, Assembly)	Basic Algorithms	Intro to Web Design (HTML, CSS)
Web Development and Programing (JavaScript, Jquery, AJAX, PHP)	Micro Economics, Discrete Math, Calculus II, Linear Algebra	

Current Courses:

Operating System	Database Design(SQL)
Parallel Computing	Applied Internet Technology(backend js, node, MongoDB)

Work Experience



Thinking Caps Group

May 2015 - present

Math Tutor

Thinking Caps Group matches me with students. TCG also provides training and seminars for tutors. I prepare materials for lessons, assign homework, and makes sure students have a solid understanding of materials. I teach SAT prep, ISEE prep, middle school and high school math and sciences.

Skills

Languages:

Familiar With:	C	Python	Swift
Flunt In:	Java	JavaScript	

Technologies:

Familiar With:	React Native	Back-end Web Development
Flunt In:	Front-end Web Development	

Projects



MMA Person Trainer (Website)

A website for student to sign up for personal mixed martial arts lessons or training sessions. Full stack development. Back-end current handle user authentication. Contents for *Students* section are still in progress.
URL: williamtsao.com/projects/ionBoy



Python Web Scraper

Scrapes the Edgar database of U.S. Securities and Exchange Commission for insider trading information. This program uses joblib library to parallelize the scraping to increase performance. It outputs a CSV file with information from latest insider trading filed.
URL: <https://github.com/WilliamTsao/Python-Web-Scraper>



Albums App (React Native)

This is a basic app built with React Native displaying some albums and a button that takes the user to that product on Amazon.com. This was a practice to get familiar with React Native.
URL: <https://github.com/WilliamTsao/Albums>