

# Xin Tong (Cynthia)

✉ cyntong.com | 🌐 /cynthiatong | ✉ cynthia.tong@nyu.edu | (+1) 917 445 1575

## Education

### New York University

May 19

B.S. Computer Science, Interactive Media/Visual Arts double major

Major GPA: 4.00/4.00 Cumulative GPA: 3.916

Recipient of four-year full scholarship (admission rate: 4%). Studied in Abu Dhabi (15-16) and New York (17).

### Zhengzhou Foreign Language School

May 15

Scores: SAT 2250/2400; SAT Subject Tests (Math, Physics, U.S. History) 2400/2400.

## Work Experience

### Secure Systems Lab (SSL), New York University

Summer Research Intern



New York

June – Aug 17

Implemented a BitTorrent Distributed Hash Table (DHT) for information announcement and lookup in *Seattle Testbed*, an open-source cloud computing platform for networking and distributed systems research.

Faculty advisors: Justin Cappos and Albert Rafetseder at NYU Tandon School of Engineering.

### BiggerLab 必果科技

Tech Intern, Instructor



Shanghai

June – Aug 16

Taught and wrote tutorials on Arduino, Processing, and iOS development at BiggerLab, a technology/education startup company based in Shanghai. Cooperated with maker spaces such as Xin Chejian (新车间).

### Interactive Media Program

Lab Assistant



Abu Dhabi

Oct 15 – June 16

Worked on various lab projects that involve data visualization with Processing, Arduino hardware, and digital fabrication techniques such as 3D printing and laser cutting.

## Hackathon

### NYUAD Hackathon First Place



Abu Dhabi

Nov 16

Contributed to building a website that calculates users' carbon footprint based on their past travel destinations. Built the back-end and database with Node.js and CouchDB; co-designed the front-end layout.

## Skill Sets

Java, Python, JavaScript (ES6+)

React, Vue.js, Node.js (Express)

Git and Github

Processing, p5.js

D3.js, Three.js

CSS Animation

Illustrator, Inkscape

Blender, 3D Printing

Arduino

## Relevant Coursework

Introduction to Computer Science

Mashups: Creating with Web APIs

Drawing on the Web

Introduction to Interactive Media

Dynamic Web Applications

Discrete Mathematics

Data Structures

## Proficient Languages

English, Chinese.

## Interests

Varsity Basketball

Holiday Work Exchange

Wood Craft/Sculpture