

Xin (Cynthia) Tong

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Summary & Objective

I am a third-year Computer Science student concentrating on full-stack web development and software engineering. I am looking for engineering internships in the tech industry for summer, 2018.

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).

Skill Sets

Programming Skills: [proficient] Java, Python, JavaScript (ES6+), Git [familiar] C, Objective-C

Web Dev: HTML5 & CSS3, React, Vue.js, Node.js (Express), p5.js, D3.js, Three.js

Visualization & Prototyping: Adobe Illustrator, Inkscape, Blender, Arduino

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.

Relevant Coursework

Introduction to Computer Science

Introduction to Interactive Media

Discrete Mathematics

Mashups: Creating with Web APIs

Dynamic Web Applications

Data Structures

Proficient Languages

English, Chinese.

Interests

Varsity Basketball

Holiday Work Exchange

Wood Craft/Sculpture