

TIANSHI (TYLER) WANG

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University Address
523 East Buffalo Street, Apt. 4R
Ithaca, NY 14850

EDUCATION

Cornell University, College of Engineering, Ithaca, NY **Aug 2015 – Present**

- B.S. Computer Science. Expected May 2019. GPA: 3.7
- Coursework: Object-Oriented Programming, Discrete Structures, Computer System Organization, Data Structures and Functional Programming, Introduction to Analysis of Algorithms, Intermediate Design and Programming for the Web, Financial Accounting Principles, Entrepreneurial Marketing and Strategy, Optimization I, Engineering Leadership, Communications for Engineering Managers

EXPERIENCE

Coalition for Queens, *Technical Education Intern*, New York, NY **June 2017 – Aug 2017**

- Supervised seven teams of six TAs for instruction of 260+ candidates during a series of immersive two-day JavaScript workshops as the final stage of Access Code 4.X candidate selection process
- Developed JavaScript curriculum for 80 candidates enrolled in the three-week Bridge Program
- Conducted 20+ on-site interviews for potential candidates from pool of 1,500 applicants

SUNY College of Optometry, *Research Programmer*, New York, NY **June 2014 – Sept 2014**

- Implemented discrete event simulation of optical “black drop” astronomical phenomenon using a visual 2D Gaussian mesh grid in MatLab

Equal Employment Opportunity Commission, *Intake Intern*, New York, NY **June 2013 – Sept 2013**

- Analyzed 60+ legal complaints of employment and workplace discrimination for investigation

PROJECTS

tw325.github.io (*HTML, CSS, JavaScript*) **Aug 2017**

- Designed and implemented web portfolio using Google Maps, OpenWeatherMap, and News API

Augmented Reality (*Processing*) **Dec 2016**

- Created computer vision application with color tracking and motion detection algorithms using webcam video footage captured by the OpenCV library

ACTIVITIES

Cornell Mars Rover Project Team, *Business Subteam Lead* **Sept 2015 – Present**

- Manages subteam recruitment process, team website maintenance, monthly video production, subteam task delegation, and community outreach events
- Administers purchases for \$30,000 in equipment; acquired over \$3,000 in corporate sponsorships

Cornell Engineering Leadership Certification Program, *Member* **Jan 2017 – Present**

- Participates in two academic courses regarding individual, team, and organizational leadership
- Coordinates weekly tours and workshops of Cornell’s College of Engineering with groups of local middle school and high school students interested in the fields of engineering

Phenomenon Step Dance Team, *Vice President* **Sept 2015 – Present**

- Manages team funds, coordinates member recruitment, and maintains correspondence with supporting student organizations and university funding commissions

SKILLS

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- JavaScript, Java, Python, C, Processing, MatLab, OCaml, HTML5, CSS, PHP
 - Mandarin Chinese (fluent), French (elementary)