

# Winston Yang

(he/him/his)

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## Education

### New York University - TANDON SCHOOL OF ENGINEERING

*Aug 2019 - Present* | New York, NY

B.S. in Computer Science, Minor in Mathematics, GPA: 3.81

**Coursework:** Software Engineering, Introduction to Databases, Introduction to Operating Systems, Computer Architecture and Organization, Design and Analysis of Algorithms, Data Structures & Algorithms, Object Oriented Programming, Data Analysis, Discrete Mathematics, Linear Algebra, Multi-Dimensional Calculus

### Peddie School

*Aug 2016 - May 2019* | Hightstown, NJ

Cum Laude, GPA: 3.89

**Awards:** Wintersteen Prize in Computer Science, National School Choral Award, Most Valuable Player Award

**Activities:** Men's Varsity Crew Captain, Inaugural Student of the Math/Computer Science Signature Experience Program

## Experience

### Columbia University | Research Assistant

*Jun 2018 - Aug 2018* | New York, NY

- Created a repository of reproducible security vulnerabilities and developed a framework to test vulnerabilities in Open Source Java Libraries.
- Utilized Bash and Python to seamlessly access faulty and fixed program versions and corresponding test suites.
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- What is the impact? Did you detect vulnerabilities? Did your project have lasting impact on these libraries? Or maybe impacted the PHD Student's work? (helped him?) [This framework exposed xyz vulnerabilities, saving some time etc.]
- How did you do it? What technologies did you use, what did you learn on the way?

### Columbia University | Research Assistant

*Jun 2017 - Aug 2017* | New York, NY

- Created a web search engine along with other utilities to obtain and parse data for Google Code Jam Analysis.
- [More stuff here]

## Projects

### XYZ

*Jun 2018 - Aug 2018* | New York, NY

- Created a web search engine along with other utilities to obtain and parse data for Google Code Jam Analysis with Mike Su (PhD Student)

## Skills

- |          |                               |
|----------|-------------------------------|
| • Python | • Git                         |
| • Java   | • HTML/CSS                    |
| • C++    | • LaTeX                       |
| • Bash   | • Something else for symmetry |

## Activities

### NYU Vocaholics | Assistant Music Director & Treasurer

*Sep 2019 - Present* | New York, NY

- International Championship of Collegiate A Cappella 2020 NYC Quarter Final Champions