

Brandon Lin

University of Pennsylvania

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🌐 <http://brandonlin.com>

Computer Skills

- Proficient in:
 - Python
 - Java
 - L^AT_EX
 - Microsoft Word/Excel/PPT
 - Github
 - HTML/CSS
 - JavaScript
 - Flask
 - Bash
- Knowledge of:
 - MySQL
 - NoSQL (MongoDB)
 - Node.js
 - Django
 - C/C++
 - Processing
 - MATLAB
 - Jinja2
 - Jekyll
 - GIMP

Operating Systems

- Ubuntu Linux
- Windows

Interests

- Machine Learning/AI
- Rubik's Cube
- Music
- Videography

Education

- 2016–present **University of Pennsylvania, School of Engineering & Applied Sciences.**
Candidate for Bachelor of Science in Engineering in May 2020 – *Cumulative GPA: 4.00/4.00*
- 2012–2016 **Stuyvesant High School, New York, NY.**
Graduated with Advanced NYS Regents Diploma – *Cumulative GPA: 4.00/4.00*

Work Experience

- 2016–present **Penn Labs, Web Developer.**
 - Full stack web developer working with the Penn Undergraduate Assembly to build software for the Penn student body
- 2016–present **Art of Problem Solving, Grader/Teaching Assistant.**
 - Assisting instructors by grading student solutions to various olympiad math classes
- 2016–January 2017 **University of Pennsylvania Ren Biology Lab, Research Assistant.**
 - Assisted in performing mouse genotypes under the supervision of Dr. Dejian Ren

Leadership & Volunteer Experience

- 2016–present **Penn Cubing, President.**
 - Rubik's Cube speedcubing club at the University of Pennsylvania
- 2015–2016 **Stuyvesant HS Computer Science Dojo, Leader/Sensei.**
 - Tutored students of Introduction to Computer Science and AP Computer Science in daily after-school sessions, helping with homework and test preparation
- 2014–2016 **Stuyvesant HS Speed Cubed, President.**
 - Ran Stuyvesant HS's Rubik's Cube club to build speedcubing community
 - Organized citywide competition for speedcubers to promote speedcubing in NYC
- 2013–2014 **North Shore LIJ/Northwell Health, Volunteer.**
 - Prepared posters for weekly meetings and created lab checklists
 - Assisted with escort and transport of patients to their proper locations

Other Experiences

- Summer 2015 **Stony Brook Biotechnology Research Camp, Researcher.**
 - Learned about different biological lab techniques, and conducted research:
The Effects of Differing Visible Light in Photoreactivation in Saccharomyces Cerevisiae
- 2011–present **World Cube Association, Competitor.**
 - Volunteering and competing in various Rubik's Cube competitions in the Northeast

Projects

- 2016 **Brandon Lin's Speedcubing Page.**
 - Created a website containing various resources to get faster at speedcubing:
<http://brandonlin.com/cubing>
- 2014 **VirtCube.**
 - Created a virtual Rubik's Cube built in Java Processing

Awards and Achievements

- Guinness World Record Holder for Square-1 Average (Rubik's Cube)
- 2014 Square-1 USA National Champion
- USA Computing Olympiad Gold Division Qualifier
- American Invitational Math Examination (AIME) Qualifier (2013-2016)
- 6-time Orchestral Musician at Lincoln Center Performances