Brandon Lin

University of Pennsylvania

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Education

2016–present **University of Pennsylvania, College of Arts and Sciences**, Philadelphia, PA.
Candidate for Bachelor of Arts in May 2020

2012–2016 **Stuyvesant High School**, New York, NY.
Graduated with Advanced NYS Regents Diploma – *Cumulative GPA: 4.00*

Work Experience

2016–present **Penn Labs**, *Developer*.
- Back-end 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–present **University of Pennsylvania Ren Biology Lab**, *Research Assistant*.
- Assisted in performing genotypes under the supervision of Dr. Dejian Ren

Leadership & Volunteer Experience

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*.
Department of Microbiology/Pathology: Worked under the supervision of Ms. May Tso
- Organized data in various categories, such as Central Accessioning, Cystic Fibrosis, and Tuberculosis
- Prepared posters for weekly meetings and created lab checklists for the Department of Microbiology

Department of Cardiology: Worked under the supervision of Dr. Joshua Peltz
- Assisted with escort and transport of patients to their proper locations
- Observed hands-on procedures in the catheter labs and radiology labs

Other Experiences

Summer 2015 **Stony Brook Biotechnology Research Camp**, *Researcher*.
- Learned about different biological lab techniques, and pursued an independent research project: *The Effects of Differing Visible Light in Photoreactivation in Saccharomyces Cerevisiae*

2011–present **World Cube Association**, *Competitor*.
- Competing in various worldwide Rubik's Cube competitions in the Northeast region
- Current World Record Holder for Square-1 Average

Programming Projects

2014 **VirtCube**, *Java Processing*.
- Created a virtual Rubik's Cube built in Java Processing

2015 **Wrecking Ball**, *Java Processing*.
- Programmed a three-dimensional Brickbreaker game in Java Processing

Computer Skills & Interests

Programming Languages: Python, Java, LaTeX, HTML/CSS, C
Applications: Microsoft Word/Excel/Powerpoint, Github, Java Processing, Python Flask, Jinja2, GIMP
Operating Systems: Windows, Ubuntu Linux
Interests: Speedcubing (Rubik's Cube), Music, Videography