

# Cindy Yang

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## Home Address & Phone:

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## School Address & Phone:

Thomas Jefferson High School  
for Science and Technology  
6560 Braddock Rd.  
Alexandria, VA 22312

Phone: (703) 750-830

**Birthdate & Age:** 07/17/2005, age 15

**Education:** I am currently a sophomore at Thomas Jefferson High School for Science and Technology. I am enrolled in AP Computer Science/Data Structures, Precalculus, and Chemistry. Next year I intend to take Artificial Intelligence, Mobile/Web App Development, AP Calculus BC, and Physics.

GPA: 4.34/4.0 weighted, 3.98/4.0 unweighted (high school average to date)

SOLs: Pass Advanced on all tests every year to date

IOWA: 99 percentile

I intend to major in Computer Science and minor in either Finance or Voice. My dream schools are Carnegie Mellon University and Massachusetts Institute of Technology.

## Technical Skills:

- Experience with Windows Systems and Git
- Programming Languages: Java, JavaScript, HTML, CSS, and Kotlin
- Proficient at implementing data structures and algorithms
- Usage of jGRASP, Eclipse, Visual Studio Code, and IntelliJ
- Mastered concepts such as trigonometry, matrices, vectors, and polar coordinates
- Type at 110wpm

## Work Experience:

- Java Bungee Developer for GhostDelta Minecraft server
- Kotlin/Gradle Minestom Developer for Cepi Minecraft server
- Informal Algebra/Geometry and Java tutoring for classmates and friends

### **Programming Projects:**

- Coded dozens Spigot/Bukkit Minecraft plugins
- Java GUI Battleship game
- Development of several unique discord bots

### **Outside Interests:**

- Playing Piano/Ukulele (10 years)
  - Competed (and won) in dozens of solo and concerto competitions/festivals
  - Love playing classical and pop music
- Coding (5 years)
  - Started with Scratch but got serious about 2 years ago
  - Coding fun games and programs for my friends
- Musical Theatre/Singing (4 years)
  - Member of Thomas Jefferson Theater Arts and International Thespian Society
  - Performed in many musicals and plays (lead, supporting, and ensemble roles)
- Other Hobbies:
  - Reading (dystopian and romance)
  - Writing (fantasy, sci-fi, and romance)
  - Video Games (mainly Minecraft)