

# Raymond Dong

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## EDUCATION

### New York University

Sep. 2022 – May 2026

*Bachelor of Science in Computer Science, Minor in Mathematics*

*New York, NY*

- GPA: 3.68/4.0
- Relevant Coursework: Calculus II for Engineers, Intro to CS, Intro to Programming and Problem Solving, Discrete Mathematics, Data Structures and Algorithms, Object Oriented Programming, Data Analysis, Calculus III, Design and Analysis of Algorithms, Linear Algebra and Differential Equations, Computer Architecture and Organization
- Accolades: Dean's List(2022-2023)

### Stuyvesant High School

Sep. 2018 – May 2022

*High School Diploma*

*New York, NY*

- GPA: 94.92/100.00
- SAT: 1550/1600
- Accolades: NMSC Finalist, Member of National Chinese Honors Society, AP Scholar with Honors

## EXPERIENCE

### Discubble | Dart, Flutter, Firebase

May 2023 - Present

*Software Developer*

*New York, NY*

- Collaborated with team members to design and create a social media app to bridge the gap between youth and politics
- Led front-end development of several pages including settings, profile, the question of the day, for-you page, etc.
- Utilized Flutter and Firebase to incorporate several back-end features like querying for saved posts, redirecting between pages, and retrieving user data for a seamless user experience
- Implemented sign-in and authentication features using Firebase's authentication system
- Led IOS distribution for beta-testing
- Defined functions to query appropriate data and implemented a For-You page algorithm to provide users with personalized content recommendations

### LEAP Education

Jul. 2021 – Present

*Lead Tutor*

*New York, NY*

- Developed and taught one-on-one lessons on Python fundamentals to students
- Led SAT classes of 10+ students in Math and English improving students' scores by 200+ points, achieving scores of 1400+
- Led SHSAT classes of 15+ students in Math and English improving students' scores by 30+ questions out of 114

### Stuyvesant Varsity Boys Volleyball

Mar. 2019 – May 2022

*Captain*

*New York, NY*

- Performed as a leader and team member leading to an undefeated record in the 2021-2022 PSAL season
- Cultivated a culture of teamwork and collaboration during games and practices, motivated and inspired co-members to improve their abilities

## PROJECTS

### NYU SLDP: Rain Shields | Arduino, Arduino IDE, AutoCAD

Jan. 2023 - May 2023

*Software Lead*

*Brooklyn, NY*

- Developed a functional prototype to enhance visual clarity during precipitation using Arduino, Fusion 360, 3D printing, and circuits
- Successfully used Arduino to develop and implement functional code for the prototype, ensuring seamless integration of hardware components and reliable software performance
- Collaborated closely with the design team to suggest and implement improvements to the CAD model

## TECHNICAL SKILLS

**Languages:** Python, C++, Dart, Arduino, NetLogo

**Frameworks/Databases:** Flutter, Firebase

**Developer Tools:** VS Code, Arduino IDE, Canva, Microsoft Suite, AutoCAD, GitHub, Git