

DAVID FU

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EDUCATION

NYU Tandon School of Engineering, Brooklyn, NY 11201
Bachelor of Science, Computer Engineering

Sept. 2025- June. 2029

EXPERIENCE

Freelance PC Builder & Seller

May 2021 – PRESENT

- Built and sold custom computers for gaming, school, and general use.
- Worked with people to understand what they needed and came up with different build options for customers.
- Made sure every computer build ran smoothly and offered help after the sale.

Volunteer

Aug. 2020 - PRESENT

- Volunteered over 600 hours helping out people in different ways
- Teaching multiple classes on Zoom, handing out food to people in need.
- Baked cookies and organized donations for local shelters.
- Built strong communication skills by teaching and working with all kinds of people

Game Development

May. 2022– May 2023

- Learned Unity and C# from scratch, making multiple working games.
- Focused on user experience, game mechanics, and visual polish.
- Took feedback, iterated designs, and worked through bugs.
- Created a discord bot with multiple functions using python.

Cyber Security

Aug. 2021– May 2025

- Learned Ubuntu Linux skills from high school.
- Competed every year in national competitions and was able to make into semi finals in 2023.
- Learned scripting using python and solved multiple vulnerabilities inside the system.

INTERNSHIP ACTIVITIES

Internship Instructor, Magikid Robotics Lab

July. 2024 – Jan. 2025

- Instructed coding and robotics to children with VEX, Python, and Scratch in summer and after-school programs.
- Guided students through hands-on exercises, adapting instruction to meet the goal of the instructor.
- Planned with staff and coordinated activities to ensure the program goes smoothly.

Honors

- United States of America Computing Olympiad (USACO) Platinum (Almost Perfect Score) 2023
- American Invitational Mathematics Examination (AIME) Qualifier 2023 – 2024
- High School Principal's Honor Roll (GPA 3.7 or Higher) 2025

SKILLS

PowerPoint, Programming (Python, Java, C#, C, C++, SQL, HTML), Game Development with Unity, Linux & Cybersecurity, PC Building & Customization, Fluent in Mandarin and English.