

# Vicky Yan

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## EDUCATION

**Carnegie Mellon University | Pittsburgh, Pennsylvania**

**Expected Graduation: June 2028**

**Major:** Physics & Music Technology

**Dulaney High School | Baltimore, Maryland** **Graduation: June 2024**

**Coursework:** AP Biology, AP Chemistry, AP Psychology, AP World History, AP Calculus AB & BC, AP Language, AP Music Theory, AP US History, AP Physics

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## EXPERIENCE

**Physics Lab Internship | Department of Physics at Towson University**

**June 2022 – Aug 2022**

- Conducted electromagnetism experiments and modeled isotropic data fits using OriginPro
- Contributed to a published journal

**AI Machine Learning Internship | Univ. of Louisiana Lafayette**

**Aug 2023**

- Coded a machine-learning system that differentiated between humans and animals
- Collected and graphed infrared sensing data from a heat map

**College Manor Volunteer | Pianist and Flautist**

**Dec 2022 - 2024**

- Organized monthly performances for College Manor nursing home & increased student recruitment
- Performed and improvised classical, jazz, and soundtrack pieces

**Lunar Gala Model | Carnegie Mellon University**

**Sep 2024 - Now**

- One of 20 selected models that modeled for the biggest fashion show in Pennsylvania
- Posed for both photoshoots and walked on the runway

**Sales Associate | Panera Bread**

**June 2022 – Jan 2023**

- Communicated menu information to customers
- Prepared a large variety of bakery and drink selections

**MPTYF | Solo Musician**

**June 2020 - Now**

- Earned over 2000 streams on musical platforms
  - Transcribed, recorded, published musical covers and productions on YouTube, with over 15k views
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## LEADERSHIP

**Theatre Club (Sound Chief) (Dulaney High School)**

**Sep 2021 – Now**

- Organized and designed a system of microphones and speakers for school productions
- Assessed technical issues within mics, operated Qu mixers, utilized audio software for sound cues
- Mixed actors' voices and edited sound cue effects
- Vice President of Thespian International Society

**Arbor Initiative (Meeting Coordinator) (Student-led nonprofit organization)**

**Sep 2022 – June 2024**

- Aimed at improving literacy rates in Baltimore & Baltimore City with over 700 book donations of all age levels
- Partnered with bookstores, communities, school organizations, and hospitals in the Baltimore area
- Led group meetings and sorted out logistics for book deliveries

**Music Production Club (President) (Dulaney High School)**

**Jan 2022 – Now**

- Lead weekly meetings with various production related activities and taught students basics of production
  - Created an online community dedicated to sharing musical resources, production feedback, and released songs.
  - Collaborated with Dulaney Theatre Company by producing background music for the shows
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## AWARDS AND RECOGNITION

- Trinity College London 9 Distinctions in Piano **Sep 2015 - Nov 2022**
- Trinity College London 7 Distinctions in Music Theory **Sep 2015 - Nov 2022**
- Dulaney High School AP Music Theory – Student of the Year **May 2023**
- Masonic Charities Scholarship Recipient **April 2024**
- Scholarship: Al Sanders Award for Music Studies at BCF **May 2024**