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**EDUCATION- in Progress** - GIAC Foundational Cybersecurity Technology, CTE Endorsement in Software Engineering, AP Capstone Diploma, & Advanced Regents Diploma *Expected Completion: June 2024*  
**Awards** - CyberStart 2024 Semifinalist & Sliver Award Recipient *Jan. 2024*  
Beyond the Basics: Mastering Advanced Digital Forensics Techniques *Mar. 2024*  
Android Forensics with Belkasoft *Feb. 2024*  
**Brooklyn Technical High School, Brooklyn, NY** *Expected Graduation: June 2024*

- GPA: 4.0
- Major: Software Engineering
- 11 AP Classes & 4 college-level classes
- 144 Volunteer hours

AP Capstone & Research *Sep. 2021 - June 2021 & Sep. 2023 - June 2024*

- Developing a research paper on the 5 Big personality traits affecting students' response to motivation driven by fear & desire

Modern Physics *Sep. 2023 - June 2024*

- Learned about quantum mechanics & special theory relativity & applied equations to computer simulations

Multivariable Calculus *Sep. 2023 - June 2024*

- Used multivariable functions & vectors to manipulate 3D shapes, animations, & points of view

Digital Electronics (Project Lead the Way) *Sep. 2023 - June 2024*

- Utilized boolean algebra & logic design to create breadboards for seven-segment displays

**Hunter College, Brooklyn, NY** *College Now Classes: Jan. 2022 - June 2024*

- GPA: 4.0
- 12 credits (4 classes)
- Hunter College's Student Ambassador from Brooklyn Technical

Fall 2023 Hunter College - Introduction to Computer Science 3-credits (C++ & Python) *Aug. 2023 - Dec 2023*

- Utilized NYC OpenData to find the top three contributing factors for the primary vehicle of collisions in my neighborhood
- Used the folium & pandas library to create a map with markers for all the traffic collisions from a certain time range
- Created elevation maps and contour plots from the US National Oceanic & Atmospheric Administration's data

Fall 2022 Hunter College - Programming for Everyone 3-credits (Python) *Aug. 2022 - Dec 2022*

- Programed a graphical quiz game by using the Tinker GUI
- Simulated the iterated prisoner's dilemma by using classes & objects
- Created a cubic polynomial solver that records the roots, relative min, & relative max

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## **PROFESSIONAL EXPERIENCE**

**Consolidated Edison - Distribution Engineers Department** *June 2023 - Apr 2024*

*Data Analyst of Failed Components (Transformer, Cables, & Joints)*

- Updated database on failed components to justify NYC Government spending
- Crafted pivot tables & charts in Excel for the CEO & VP
- Analyzed trends of failed equipment based on weather, natural events, location, brand, voltage, & more
- Develop an understanding of the Electric Work Management System for the 5 Boroughs & Westchester

**Coastal Classroom** *July 2021 - Aug. 2021*

*Teacher & Volunteer Staff Member*

- Engaged & taught middle school students in fishing, seining & coastal ecology & maritime training
- Conducted & evaluated research on the Kyzer Park Equastary's Ph levels, Turbidity & Phosphate Quantity

**Summer Youth Employment Program** *July 2020 - Aug. 2020*

*Student & Activist*

- Investigated & learned about discrimination faced by minorities
- Created & designed posters to help spread awareness of prejudice

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## **EXTRACURRICULAR ACTIVITIES**

**Tech Codes Club** — *Expert Member* *Sep. 2022– June 2023*

- Acquired expertise in Python, Web Development & other coding skills, including digital communication, design
- Engaged in projects with peers to create different games including text fighting & adventure simulators

**The Animation Project (TAP)** *July 2021 - Aug. 2021*

*Nickelodeon & TAP Industry Access Student*

- Learned character-based toy design from Nickelodeon's Toy Design team
- Automated personal email responses & spam detection for Gmail & Outlook