

Dylan H. Nicolay

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Education

Francis Lewis High School

Class of 2022

- Cumulative GPA: 94.5/100
- Standardized Test Scores: SAT 1480; SAT Math II 790; AP Psychology 5; AP Macroeconomics 5; AP Seminar 4; AP World History 4
- Relevant Courses: Science Research, Math Research, Junior State of America, AP World History, AP Seminar, AP Research, AP Macroeconomics, AP Psychology, AP Calculus AB, AP Computer Science A, AP Language, AP Chemistry

edX Courses

- Introduction to Computer Science and Programming Using Python (MIT 6.00.1x)
- CS50's Introduction to Computer Science (Harvard CS50x)*

Professional Experience

NYC Parks & Recreation Youth Sustainability Corps (Manhattan, NY)

Nov 2021 - March 2022

Sustainability Implementation Engineer

- Secured one million dollars in grant funding for future green roofs
- Orchestrated an assembly line process to more efficiently construct 50,000 square feet of green roof on a public recreation center
- Coordinated build efforts across five different construction teams

Arc Farms (New York City, NY)

Summer 2021

Front-End Development

- Compiled a database containing statistics for hundreds of plants to develop the front-end of a urban farming mobile app
- Validated database accuracy by cross-checking against parent data sources

LaGuardia Research Foundation (Brooklyn, NY)

Summer 2019

Research Intern

- Directed a team of 6 to create an informational presentation which discussed the importance of climate action
- Researched the potential effects of climate change by analyzing scholarly articles
- Delegated tasks to team members based on demonstrated interest in particular areas of climate action

Extracurricular Activities and Achievements

ND Overwatch (Virtual, USA)

Dec 2020 - May 2021

Team Captain

- Offered advice to thousands of Overwatch players by designing multiple trending Reddit posts
- Coached 6 team members to ultimately improve their competitive rankings by 50%
- Ranked among the top 1% of all Overwatch players.

Hyperion League/h2hacks (New York City, NY)

Jul 2019 - Jul 2021

Executive Director

- Organized environmental sustainability focused hackathons and seminars that attracted audiences of over 100
- Managed social media accounts and created graphics and media to engage a target audience
- Developed and maintained a website to recruit visitors into becoming prospective participants
- Contacted representatives from various companies, one being Facebook, to fundraise money for events

Skills

- 130 WPM Typing Speed; Python; C++; Java; Linux; Microsoft 365

*In progress