

# AIDAN T.L. YOUNG

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## EDUCATION

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### Duke University, Durham, NC

Anticipated graduation May 2025

Computer Science Major (*prospective minor in Marine Science & Conservation*)

- **GPA:** 3.86/4.00
- **Relevant Coursework:** COMPSCI 201 (Data Structures & Algorithms), STAT 199 (Intro to Data Science), MATH 218 (Linear Algebra), COMPSCI 216 (Everything Data), COMPSCI 210 (Intro to Computer Systems)
- **Honors:** Deans List with Distinction Fall 2021, Deans List with Distinction Fall 2022, Repass-Rodgers Marine Lab Scholar

### Collegiate School for Boys, New York, NY

Fall 2016 – Spring 2020

- **SAT:** 1570/1600
- **Honors:** Cum Laude

## WORK EXPERIENCE & RESEARCH

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### Nuance + Microsoft

*Software Engineering Intern*

Summer 2023

- Worked in the SRE department to conduct data analysis and data visualization in multiple languages to inform and maintain SLA
- Worked on a team that used the Agile methodology and participated in scrum meetings

### Saving Nature

*Software Developer*

Summer 2022

- Using rshiny to create an interactive web dashboard to efficiently and effectively visualize the ranges of potentially vulnerable, small-range bird species in South and Central America
- Gaining experience solving software design problems and learning about the software development process

### SEA Semester, Atlantic Odyssey Gap Year Program

*Participant*

Fall 2020

- Nine-week program, with six weeks aboard S.S.V. Corwith Cramer (133-ft research brigantine) sailing from Woods Hole, MA to Key West, FL; conducted oceanographic research and learned to sail
- Learned how to work well in team settings, both as a leader and a member, eventually assuming roles of Junior Watch Officer and Junior Lab Officer.

### Columbia University Department of Immunology and Microbiology, Dworkin Lab

*Intern*

Summer 2019-Spring 2020

- Investigated the role that genes *sasA* and *sasB* play in inhibiting cell wall growth in *Bacillus subtilis*, by examining the relative responses of cell cultures with and without the *sasA* and *sasB* genes to the presence of vancomycin, an antibiotic that inhibits cell wall growth.
- Gained valuable firsthand experience in research and learned laboratory skills, such as micropipetting

## EXTRACURRICULAR ACTIVITIES

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### Marine Lab Scholars

*TIDE Talks Committee Member*

Spring 2023-Present

- In addition to being a Marine Lab Scholar, I contribute to the group that plans a marine science talk series of Duke professors
- Coined the name “TIDE Talks”
- Assist with graphic design and promotional work for events

## RELEVANT SKILLS AND INTERESTS

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- **Skills:** Microsoft Office, Adobe Suite (Photoshop, Lightroom), R, rshiny, Python, Java, C, SQL, KQL, JavaScript, HTML, CSS, Azure Cloud Computing, Tensorflow/Keras
- **Miscellaneous:** Interested in photography, particularly film photography (see link in contact information for portfolio), enjoy rock climbing