

JACKSON DOWDEN

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Portfolio website: <https://dowden19.github.io/>

Computer Science Courses Taken

- Data Structures and Analysis
- Systems Fundamentals
- Models of Languages and Computation
- Foundations of Programming
- Computer Organization
- Algorithms and Analysis (Currently Enrolled)
- Modern Web Programming (Currently Enrolled)

Skills

- Python
- HTML
- SwiftUI
- Java
- CSS
- C & R (Prior Experience)

Relevant Experience

Research Intern at Castillo Labs at UNC-Chapel Hill (2018-2019)

- Conducted independent research project under graduate student in Marine Biology
- Used R to conduct statistical modeling and analysis of results
- Created and presented project poster at research symposium

High School Mathematical Contest in Modeling (2018)

- Outstanding Winner (Highest Award) - top 7 of 785 teams in international competition
- Chosen by National Council of Teachers of Mathematics to publish solution paper
- Worked with a small team to research and design a model using mathematics and computer science

Education

University of North Carolina at Chapel Hill

Expected in May 2023

B.S. in Computer Science and Quantitative Biology / 3.882 GPA

Chapel Hill, NC

Honors Carolina, Eligible for Dean's List (all semesters)

North Carolina School of Science and Mathematics

May 2019

4.0 Unweighted GPA

Durham, NC

Extracurriculars

President of the UNC-CH Men's Club Ultimate White (Ultimate Frisbee Club)

2021-2022

Vice President of the UNC-CH Men's Club Ultimate White (Ultimate Frisbee Club)

2020-2021