

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
- Modern Web Programming
- Files and Databases (Currently Enrolled)
- Internet Services and Protocols (Currently Enrolled)
- Bioalgorithms (Currently Enrolled)

Skills

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

Relevant Experience

Programming Assistant for Professor Evan Johnson (2021-current)

- Assisting professor in Public Policy department with code writing
- Web scraping to download, then compile and clean relevant data using pandas in python
- By automating this process, I condensed the time taken from hours to minutes

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

Education

University of North Carolina at Chapel Hill

Expected in May 2023

B.S. in Computer Science and Quantitative Biology, Data Science Minor / 3.905 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