

# Thomas Barry

[lagaba@live.unc.edu](mailto:lagaba@live.unc.edu)

## **SUMMARY:**

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Carolina Covenant Scholar with advanced background in Computer Science and Mathematics. Completed more than 100 credit hours of college level coursework (beginning in 7<sup>th</sup> grade), including Graduate level work in Mathematics. Scored 1600 on the SAT. Current college GPA of 3.14. Extensive leadership experience and excellent collaborator.

## **EDUCATION:**

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**University of North Carolina at Chapel Hill** (9/2019 – 5/2024)

- Received prestigious Carolina Scholarship awarded to the top incoming freshmen, covering full cost of attendance, as well as supplemental programs.

**University of Massachusetts-Lowell** (9/2016 – 12/2018)

**Northern Essex Community College, Haverhill, MA** (1/2015 – 5/2019)

**Methuen High School, Methuen MA** (9/2015 – 5/2019)

- Valedictorian (with highest GPA in school history)
- Full AP course load including AP Calculus BC and Physics as freshman (with scores of 5)

## **RELEVANT COURSE WORK:**

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|---------------------------------------|-----------------------------------|
| • Schools and Community Collaboration | • Microcomputers                  |
| • Mathematical Analysis               | • C Programming                   |
| • Lego Robotics                       | • Intro to Information Technology |
| • Foundations of Programming          | • Discrete Structures             |

## **TECHNICAL SKILLS:**

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Computer Languages: Java, C, Microcomputers, HTML and CSS

Platforms: MAC OS and Windows

Software: Microsoft Office Suite, Eclipse, and Visual Studio Code

## **ACTIVITIES AND TUTORING:**

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**Gap Year** (05/2021 – Present)

- Taught myself HTML and CSS through the W3Schools website
- Currently refreshing Java knowledge through CodeAcademy
- Building a portfolio of projects, including a custom website designed with VS Code

**Volunteer Math and Programming Coach, Bruce School, Lawrence, MA** (9/2015 – 5/2019)

- Developed a math and computer programming enrichment club at an Elementary/Middle School serving low-income students in Lawrence, Massachusetts.
- Worked one on one with the students, helping them understand and grasp difficult concepts. Created programs and lessons to teach Scratch to the kids.
- Bonded with and supported students through years of the program, including Obie Aiello.

## **AWARDS AND RECOGNITION**

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| • Methuen High School Student of the Year | • Comcast Leader and Achiever                    |
| • Superintendent Award                    | • Study of Exceptional Talent, Johns Hopkins CTY |
| • AP Scholar with Distinction             | • Davidson Institute Young Scholar               |
| • French Student of the Year              |  |