Thomas Barry

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SUMMARY:

Carolina Covenant Scholar with advanced background in Computer Science and Mathematics. I'm a hard-working student and a voracious learner. I love solving challenging coding problems and finding optimal, efficient solutions. I've spent the last year continuing to learn and refresh 3 programming languages while coding projects on my own. My goal for the summer is to work with and learn from an experienced team of coders, and contribute to amazing projects.

EDUCATION:

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. (3.14 GPA)

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

- Dual Enrollment at college during HS

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

- Valedictorian(4.8 GPA)

WORK EXPERIENCE:

Wyzant
- Created a private programming account on Wyzant for teaching Java, HTML, and CSS
- Received an average of 4.9 stars out of 64 ratings
- Tutored for 85 hours over 5 months, earning $2,805.95

RELEVANT COURSE WORK:

- Object Oriented Programming
- Mathematical Analysis
- 2022 Web Dev Bootcamp
- Electromagnetics and Optics
- Microcomputers
- C Programming
- Intro to Information Technology
- Discrete Structures

TECHNICAL SKILLS:

Coding Languages: Java, HTML and CSS
Development and Support: Eclipse, GitHub, and Visual Studio Code

ACTIVITIES AND TUTORING:

Gap Year   (05/2021 – Present)
- Taught myself HTML and CSS independently of my academic institution
- Currently refreshing Java knowledge by reviewing and recreating projects from OOP class
- Reached 6 kyu rank by completing coding challenges through the CodeWars website
- Built a portfolio of projects, including a responsive website designed with VS Code
- Competed in HackNC 2021 in a team of two and submitted a website hosting a Unity game

PROJECTS

- Developed a custom responsive portfolio website hosted on Infinity Free
- Built a Java GUI application for a TicTacToe game, a Connect4 game, and Othello