

Hunt Tynch

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Objective

Hardworking Computer Science senior at North Carolina State University, seeking a Software Engineering position. Experienced with requirements forming, software design, implementation, and testing.

Education

North Carolina State University | Raleigh, North Carolina

May 2025

- **BS in Computer Science | 3.8 GPA | Dean's List**

- **Relevant Courses:**

- | | | |
|----------------------------------|--|---------------------------|
| ♦ Software Engineering | ♦ Computer Networks | ♦ Network Security |
| ♦ Data Structures and Algorithms | ♦ C and Software Tools | ♦ Artificial Intelligence |
| ♦ Operating Systems | ♦ Computer Organization & Assembly Lang. | |

Skills

- | | | | |
|---------------|--------------|-----------|---------|
| ♦ Java | ♦ Node.js | ♦ Git | ♦ Linux |
| ♦ C | ♦ JavaScript | ♦ GitHub | ♦ Mac |
| ♦ Assembly | ♦ HTML | ♦ Docker | ♦ Excel |
| ♦ Spring Boot | ♦ CSS | ♦ MySQL | ♦ Word |
| ♦ React | ♦ SQL | ♦ Windows | ♦ Doc |

Projects

WolfCafe [Spring Boot, MySql, React, Node.js, Docker]

- Created a full-stack application as a group of six that can be used in a café, all containerized for easy deployment.
- Led backend team using Agile processes through requirements forming, design, implementation and testing.

Personal Portfolio Website [React, TailwindCSS, GitHub, GitHub Actions] (<https://hctynch.github.io>)

- Developed a personal portfolio using React and TailwindCSS.
- Utilizes GitHub actions for CI/CD and is hosted on GitHub pages.

Data Structures and Algorithms [Java, JUnit]

- Built a comprehensive project including dozens of data structures and algorithms.
- Tested and Implemented Maps, Trees, Sets, Forests, Hashing, Searching Algorithms, Sorting Algorithms, Adaptable Priority Queues, Stacks, and Lists (positional, array based, linked.)

PackScheduler [Java, JUnit]

- Collaborated with classmates to build and extensively test a student registration and scheduling program that utilizes File IO, Interfaces, Inheritance, Abstraction, and Polymorphism.
- Developed pair-programming skills and utilized GitHub\Git.

Experience

R&D Summer Employee | Avoca LLC. | Merry Hill, North Carolina

May - July of 2023 & 2024

- Researched DNA sequencing of transgenic sage plants to achieve higher sclareol yields in the R&D Department.
- Organized large sums of collected data into Excel.
- Completed field work in a greenhouse and multiple farming plots to upkeep crops, gather samples, etc.