

Tremaine Cousar

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EDUCATION

University of North Carolina at Chapel Hill

B.S. Computer Science | **GPA: 4.0/4.0**

Aug. 2024 – May 2026

Chapel Hill, NC

Guilford Technical Community College

A.S. Computer Science | **GPA: 3.7/4.0**

Jan. 2022 – May 2024

Jamestown, NC

- **Courses:** Introduction to Programming and Logic, Data Structures & Algorithms, Java Programming, Computing Fundamentals
- **Honors:** Dean's List, Benjamin A. Gilman International Scholarship: Cape Town, South Africa

TECHNICAL SKILLS

Languages: JavaScript, Python, Java

Technologies: React.js, Next.js, Redux.js, Tailwind.CSS, Bootstrap, REST API

Tools: Github, Git, VS Code, Figma

EXPERIENCE

IT Help Desk Analyst

HCTec

Aug. 2023 – Jul. 2024

Winston-Salem, NC

- Deployed knowledge base resources in ServiceNow to troubleshoot issues, **cutting on-call time by 80%**.
- Resolved 90% of software and hardware issues, **resulting in reduced downtime and increased productivity for client's employees.**
- Trained four new hires on call-handling procedures for company clients.

IT Intern

EnergyUnited

Oct. 2022 – Jul. 2023

Statesville, NC

- Analyzed problems and worked with teams to develop solutions.
- Participated in **testing and debugging of new software applications.**
- Provided technical support to **40 employees on various Cisco software and hardware issues.**

TECHNICAL PROJECTS

Purpose List Music App | *Personal Project*

Link: <https://purplist.netlify.app>

Jul. 2024 – Current

- Built a music streaming app with **Next.js, React.js, Redux.js, and Tailwind CSS**, reducing load times by **40%** and **boosting user engagement.**
- Integrate **JSON Web Token** and **Open Authorization** for secure authentication, **providing enhanced security and seamless login experiences.**
- Implemented advanced search functionality for songs, albums, and artists, **boosting user satisfaction.**

Portfolio Website | *Personal project*

Link: <https://tremainecousar.com>

Oct.2023 – Nov. 2023

- Developed a dynamic and visually engaging portfolio website with **React.js.**
- Implemented a grid layout to display various technologies with interactive hover effects, utilizing **Tailwind CSS** for styling and **Next.js** for server-side rendering.
- Resulted in a polished user interface that effectively showcases technical skills and experience with various technologies, enhancing user engagement.

Bug Collector | *Data Structure and Algorithms Project*

Link: <https://github.com/tremaineCousar/bugCollector/blob/main/BugCollector.py>

Mar. 2023

- Created a script that tracks and manages how many bugs are collected throughout a week using **Python.**
- The script **initializes days, collects daily bug counts, calculates total, and queries specific days.**
- Provides a functional tool for displaying bug data and handling invalid inputs.