Tremaine Cousar

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EDUCATION

University of North Carolina at Chapel Hill Aug. 2024 – May 2026
*B.S. Computer Science | **GPA**: 4.0/4.0* *Chapel Hill, NC*

Guilford Technical Community College Jan. 2022 – May 2024
*A.S. Computer Science | **GPA**: 3.7/4.0* *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 Aug. 2023 – Jul. 2024
HCTec *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 Oct. 2022 – Jul. 2023
EnergyUnited *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* Jul. 2024 – Current
Link: https://purplist.netlify.app

- 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* Oct.2023 – Nov. 2023
Link: https://tremainecousar.com

- 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* Mar. 2023
Link: https://github.com/tremaineCousar/bugCollector/blob/main/BugCollector.py

- 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.