

Cassandra Hart

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SUMMARY

College junior pursuing a degree in Computer Science and minor in Graphic Communications eager to expand knowledge and gain hands-on experience. Quick and curious learner who will be a valuable addition to any team.

EDUCATION

North Carolina State University | Raleigh, NC

August 2022 - 2026

B.S. in Computer Science and Minor in Graphic Communications

East Mecklenburg High School | Charlotte, NC

August 2018 - May 2022

High School Diploma

Relevant Courses:

Data Structures and Algorithms, Applied Web-based Client-Server Computing, AI Powered Robotics, Concepts and Facilities of Operating Systems, C and Software Tools, Foundations of Graphics, Visual Thinking, Software Engineering

TECHNICAL SKILLS

Programming: Java, C, HTML, CSS, Javascript, Node js, HeidiSQL

Tools: VS Code, Eclipse, Docker, Solidworks

Technical Skills: RESTful API development, Efficient Debugging, Software Design Patterns

Engineering: SolidWorks, OnShape, Fusion360, AutoDesk Inventor

Soft Skills: Interpersonal Skills, Collaborative Teamwork, Effective Communication

EXPERIENCE

Microsoft Global Hackathon | Hack Advisor Badge | Microsoft | Charlotte, NC

August 2020 - 2023

- Created high-quality graphics for hackathon teams across 60+ countries, contributing to global solutions in a fast-paced, collaborative environment.
- Engaged with team leaders to refine project visuals, meeting criteria while enhancing design impact and usability.
- Gained special permission to participate.

Fleurix Women-in-Tech Conference | Fleurix | Charlotte, NC

Sep 2021 - 2023

- Attended a women-in-tech conference in the pursuit of personal growth and networking
- Learned about mentorship, coaching, and gained skills in supporting team members in the technology industry

PROJECTS

Progressive Web Application (PWA) | Team Project

September 2024 - Present

- Developed a mobile-first PWA, Eat Safe, to help users find restaurants accommodating food allergies and dietary preferences.
- Implemented user authentication, REST API, and relational database hosted on Docker to ensure data security and privacy.
- Enhanced the app with push notifications and offline data synchronization to improve user engagement.

Websites | rmfencellc.com | Personal Project

June 2024 - Present

- Created portfolio websites for a local fencing business, attracting over 2,500 visits in the first quarter.
- Implemented responsive design to enhance user experience and boost business visibility.
- Employed design techniques and gathered feedback to continually improve site functionality and appearance.

Farmwood Figs | Farmwoodfigs.com | Personal Project

June 2024 - July 2024

- Co-founded a local produce business in 2020 to reduce fig wastage and promote sustainable agriculture achieving a conversion rate of 10% and over 6,000 visits in August.
- Designed and developed a web platform using HTML, CSS, and JavaScript to manage business operations and customer orders.
- Implemented design best practices to optimize website performance, maintainability, and scalability.

WolfPackInsight | Team Project

March 2024

- Built a program to calculate and organize social media connections, focusing on runtime analysis and data structures.
- Utilized Maps, MergeSort, and File I/O for data organization and optimization in Java.
- Collaborated with team members to determine requirements and schedule deliverables.