

Amin Mohamed

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EDUCATION

NORTH CAROLINA STATE UNIVERSITY

Bachelor of Science in Computer Science

Raleigh, NC

Expected May 2028

Goodnight Scholars Program

- 1 of 50 selected to be a part of the 2028 cohort of the Goodnight Scholars Program, a full-ride scholarship providing STEM students with comprehensive enrichment opportunities in academic and professional development.

University Honors Program

- Selected to be a part of a diverse community of high-achieving scholars from many disciplines, developing leadership skills through service, research, and engagement on a global scale.

EXPERIENCE

Horticultural Operations Supervisor

Jun 2024 - Aug 2024

Wakefield High

Raleigh, NC

- Maintained and organized a large high school greenhouse and back garden, ensuring optimal growth conditions for a diverse range of plants.
- Prepared over 250 plants for the school's annual plant sale, increasing the selection and appeal for the community.
- Streamlined daily tasks to maximize efficiency, including watering, pruning, and pest management, ensuring the greenhouse and garden were consistently well-kept.

Fulfillment Associate

Jul 2023 - Jan 2024

Walmart

Raleigh, NC

- Managed a high volume of orders in a fast-paced environment, consistently meeting or exceeding daily metric targets.
- Collaborated effectively with team members to streamline order fulfillment, improving accuracy and reducing delivery times.
- Delivered exceptional customer service, creating positive shopping experiences and ensuring satisfaction with each order.

PROJECTS

Plant ID Flashcards | *Node.js, JavaScript, HTML, CSS*

- Built an interactive web application with a Node.js backend and HTML/CSS/JavaScript frontend to assist in plant identification for horticulture studies.
- Implemented server-side validation using POST requests, accurately processing and scoring user answers for the quizzes.
- Designed a responsive user interface with clear, accessible layouts to enhance usability.

PackScheduler | *Node.js, React*

- Developed a responsive web application using a Node.js backend and React frontend to create ideal class schedules based on user-specific time preferences.
- Implemented web scraping techniques and API requests to dynamically gather and update course information from the university's website, ensuring accuracy.
- Employed an algorithm to optimize class selection and minimize time conflicts, enhancing academic planning.

TECHNICAL SKILLS

Languages: JavaScript(Proficient), HTML(Proficient), CSS(Proficient), Python(Intermediate), Java(Intermediate)

Frameworks/Libraries: React, Node.js, jQuery, JUnit, ExpressJS

Databases: MySQL, MongoDB