

# Reba Aliah Mathews

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Raleigh, North Carolina

## OBJECTIVE

I am seeking a COOP for Fall '24 in the computer science related field.

## EDUCATION

**North Carolina State University || August 2021 - Present**

Expected: May 2025

Raleigh NC, 27607

Third Year, Computer Science Bachelor

**Wake Tech Community College (IT Certificate, Dual Enrollment) || August 2020 - May 2021**

Graduation: May 2021

321 Chapanoke Rd, Raleigh, NC

## SKILLS

- ☐ Python Certification 2020
- ☐ Adaptable and a quick learner
- ☐ CSS, PHP, HTML, and Python
- ☐ Communication
- ☐ Node JS
- ☐ Angular JS
- ☐ Vuetify
- ☐ R language
- ☐ XCode
- ☐ API SwaggerHub Documentation
- ☐ API Contracts
- ☐ JSON
- ☐ Online Marketing
- ☐ Project Management
- ☐ Information Technology - Computer Programming Foundation
- ☐ Google Research Collaboration
- ☐ Javascript
- ☐ JIRA

## WORK EXPERIENCE

### **NCSU Research Assistant**

**November 2023 - February 2024**

- ❖ iOS Bluetooth APP development for wireless sensors
- ❖ Utilize XCode platform to update the UI
- ❖ Participate in symposiums to broaden the project scope and share project findings.
- ❖ Added project selection features and data reading capabilities.

### **Fidelity Leap Internship**

**June 2023 - August 2023**

- ❖ Work within a team practicing AGILE development.
- ❖ Participated in sprints, utilizing Angular JS to assist in immigrating outdated technology into a modernized version.
- ❖ Utilized project management techniques such as story building to convey the goals the project has in milestones.
- ❖ Created API contracts, mock data structures, interfaces, and models
- ❖ Tested components using Jasmine, Karma, and JS testing modules that met coverage requirements within local development.

### **NCSU Student Web Developer**

**September 2022 - August 2023**

- ❖ Work within a SCRUM developer team to create modern Web applications that solve real-world problems.
- ❖ Utilizes PHP and Javascript coding to assist with WordPress content, and from initial design to bug hunting.
- ❖ Immigrated an application from scratch through building all the web components using Vuetify 3 a javascript framework.
- ❖ Assisted in training new recruits into the team.

### **NCSU Research Program for Undergraduate/Research Assistant**

**May 2022 - Aug 2022**

- ❖ Designed research proposal for the Professor
- ❖ Designed a pilot project report that included the prototype for research opportunity.
- ❖ Identified the variables and observations the researchers would need to get the data required.
- ❖ Researched for similar papers and conducted literature reviews

### **ProTrak LLC/ Student Intern**

**January 2021- March 2021**

- ❖ Utilized HTML, CSS, JavaScript, and SQL to create a UI interface and connect to the database.
- ❖ Implemented table validation and used SQL server to keep the tables updated from the server, and whenever any changes are made through the forms.
- ❖ Utilized project management skills to carry the project out in a timely manner.

## Related Course Work

- ❖ Automated Learning and Data Analysis
- ❖ Software Development Fundamentals
- ❖ Statistics and Probability for Engineers
- ❖ Automata, Grammars, and Computability
- ❖ Discrete Mathematics for Computer Scientists
- ❖ Introduction to Numerical Analysis II