

# Alphin Abraham Varghese

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## Education

### University of North Carolina at Charlotte

Bachelor of Science in Computer Science

Minor: Computer Engineering & Math

Chancellor's List: Fall 2024, Spring 2024

May 2026

GPA : 3.9

## Experience

### Professor Assistant

Aug 2024 - Present

UNC Charlotte | Intro to Java

- Instructed over 100 students, ensuring 90% achieved a passing grade or higher
- Conducted weekly lab sessions and provided one-on-one tutoring, resulting in a 25% improvement in student lab scores
- Debugged and reviewed student code for assignments and projects, ensuring code quality and a grading accuracy of over 98%

### Full Stack Developer Intern

Aug 2024 - Dec 2024

StockTaker

- Revamped the company website using Next.js, improving both frontend and backend functionalities by 85%
- Acquired expertise in hosting server-side applications on AWS, strengthening proficiency in cloud infrastructure and scalable deployment
- Developed a comprehensive understanding of the full software development lifecycle, from backend integration to deployment and agile methodology.

## Projects

### Personal Website | Next.js | TypeScript | TailwindCSS | [alphinv.com](https://alphinv.com)

- Conceptualized and engineered a personal website using React, Next.js, and Tailwind CSS to showcase technical expertise, achievements, and a curated portfolio, improving user engagement
- Built a responsive, visually striking interface with Tailwind CSS, ensuring an optimized user experience across devices of varying sizes
- Integrated interactive features and multimedia elements, resulting in an increase in average session duration and user engagement

### Basic Food Ordering System | Java | <https://github.com/alphinV/basicFoodOrderingSystem>

- Developed a Java application facilitating seamless food ordering experiences, encompassing both take-away and delivery options through a terminal and efficient data management
- Employed exception-handling techniques to catch and handle input errors, providing informative error messages to assist users in correcting their inputs
- Integrated file I/O operations to save generated receipts to a text file, providing customers with a convenient way to access and review their orders after placing them

## Technical Skills

Coding Language: Java, Python, SQL, C, C++, JavaScript, React, Next.js, Git, TailwindCSS

Relevant Coursework: Data Structures, Linux, Software Engineering, Calc II, Operating System

## Campus Involvement

49th Security Division - Cybersecurity Organization

CLTHack - Hackathon Organization

Jacobite Syrian Church - Church Youth Organization

Member | 2023 - Present

Member | 2023 - Present

Treasurer | 2022 - 2023