

# Iverson Ruffin

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## Summary

Hello, I'm Iverson Ruffin. I am a Fall 2023 graduate - Bachelor of Science, Computer Science from the University of North Carolina at Charlotte with a concentration on Software Engineering (I feel like I am more of a gaming and robotics person, but SE is cool too!).

Ideally, I see myself -in the future- as a teaching professor in computer science, so I wish to continue in school to achieve higher learning in CS. I not only seek higher education in CS, but working experience in the creative side of the tech industry, to better my knowledge and teachings.

I enjoy developing software and providing creative solutions for applications and websites. Art and technology go hand-in-hand when it comes to creating an interactive experience. As a student, I would like to learn more concerning the merge between art and technology.

## Education

**School:** University of North Carolina at Charlotte

**Degree:** Bachelor of Science - Computer Science

**Graduation Date:** 12/15/2023

## Work Experience

**NC State University SRCA(Socially Relevant Computing and Analytics) Research**

Undergraduate Researcher 05/2023-07/2023

- Constructed STEM camp curriculum for underrepresented groups in STEM fields, specifically computer science
- Collaborated with graduate and undergraduate students to create effective lesson plans for teaching computer science using block-based programming
- Conducted research with camp students, and presented research findings at Summer Symposium

### **CodeRev Kids Charlotte, NC**

Instructor 06/2022-07/2022

- Taught 80+ kids (about 20 per week through 4 weeks), aged 8-14, about the basics of coding and how to code by utilizing video games(Minecraft-Java, Roblox-Lua, REV Robots-Arduino)
- Collaborated with co-workers to organize child-friendly lesson plans for kids to demonstrate their coding skills
- Split kids up into groups in order to increase their comfortability with sharing projects and ideas with their peers

### **UNC Charlotte Mentor Program**

Mentor Fall 2023

- Helped fellow students to navigate their college plan and provide them with guidance about getting through college
- Arranged weekly or monthly meeting with students to help assess their overall plan, as well as providing them with resources for their college experience

## **Projects**

### **Code-to-Go**

Software Development Projects

**Fall 2023**

- Developed an online code repository called “Code-to-Go” that allows users to upload and pull snippets of code from their account(Agile project groups)
- Made for teachers, students, and programmers to seamlessly keep track of code snippets and gather feedback from other users
- Includes a VSCode extension which pulls individual code snippets from the repository into the VSCode IDE

## Core Skills

- Technical: Java, C++,C, Python, HTML/CSS/JavaScript, mySQL, Clip Studio
- Storytelling, Drawing
- IDE uses: Apache Netbeans, Visual Studio Code, jGrasp, Virtual Machine, GameMaker