Iverson Ruffin

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SUMMARY

Dedicated Software Engineer graduate from the University of North Carolina at Charlotte with a proven track record of effectively communicating complex technical concepts to diverse audiences through presentations, workshops at NC State University, and classroom settings. Strong interpersonal skills coupled with a passion for technology, creativity, and innovation. Ability to be agile in difficult settings and developing solutions to complex problems through software and team cooperation.

EDUCATION

University of North Carolina at Charlotte Charlotte, NC *Bachelor of Science in Computer Science* **Date**: *12/15/2023*

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Software Development, Game Design and Development, Technical Communication

WORK EXPERIENCE

NC State University SRCA(Socially Relevant Computing and Analytics) Research **May 2023 - July 2023**
Undergraduate Researcher Full-Time Intern

- Constructed STEM camp curriculum for underrepresented groups in STEM fields, specifically computer science
- Collaborated with graduate and undergraduate students to create presentations focused on relating technical concepts to teaching methods with research practices.
- Conducted research with camp students, and presented research findings at Summer Symposium

CodeRev Kids Charlotte, NC **June 2022 - July 2022**
Full-Time Summer Instructor

- 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) - writing scripts in Java to manipulate game aspects
  Roblox(Lua) - writing scripts in Lua to design different levels
  Robotics(Arduino) - programming robots to drive and interact with environment through sensors
- 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

PROJECTS

Portfolio/Personal Website **January 2024**
Web Design (second link at the top)

- Developed portfolio website using Bootstrap, HTML/CSS/JS to design pages and page interactions.
- Website features an assortment of artwork, a link to my CV, and an about page for informing viewers about my brand and background.

Code-to-Go **Fall 2023**
Software Development Projects

- 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

TECHNICAL SKILLS

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