Olivia Chrisley

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Education

BS in Computer Science – University of North Florida   December 2026

Experience

Coding Instructor – Code Ninjas Northeast Florida   January 2025 – Present

- Taught game development in JavaScript and C#, encouraging creative problem solving in bringing ambitious ideas to life one line of code at a time
- Led clubs empowering students to train ML models with IBM Watson and Teachable Machine or tackle DJI RoboMaster and FIRST LEGO League missions
- Delivered tours introducing prospective students and parents to the program; recognized for high rate of resulting sign-ups
- Resolved a technical issue affecting summer camps at multiple locations

ESE Paraprofessional – Duval County Public Schools   April 2022 – February 2025

- Collaborated with teachers and therapists to implement student success plans and track progress toward academic and behavioral goals
- Addressed classroom management challenges by recommending successful improvements to the team's approach
- Consistently awarded Effective and Highly Effective performance reviews

Projects

pxt-mazegen – Maze generation extension for Microsoft MakeCode
- Produced a custom API allowing MakeCode users to easily add randomly-generated mazes as levels in their games
- Analyzed the hex data format used to store game levels to develop a way to procedurally generate them
- Enhanced user experience by optimizing the maze generation algorithm to produce equally-attractive mazes more quickly

Skills

C/C#, JavaScript, Java, Python
IBM Z Mainframe & Enterprise COBOL
Linux system administration, Docker
Frontend web development