

# Christopher Januario

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## EDUCATION

### University of Central Florida

Orlando, FL

*Bachelor of Science in Mathematics and Computer Science, Minor in Physics*

*Aug 2022 - May 2026*

*Courses: CS Intro to C & I, Discrete Structures, OOP, Comp Logic & Organization, System Software, Calc III, Phy w/ Calc III, ODE, Statistical Methods*

### Cypress Bay Highschool

Weston, FL

*Cambridge Advanced International Certificate of Education Diploma, AP Scholar w/ Distinction*

*Aug 2018 - Jun 2022*

*Courses: AP Calc AB & BC, AP Phys I & C, AP CS Principles and A, AICE CS AS & A, Robotics*

*Clubs: Founding member of CS club - tutoring, Robotics - VEX Competition, Wind Ensemble - 4ys Principal Bassoonist, Marching Band - 2ys Tenor Drums*

## EXPERIENCE

### Sci Solutions - Sunrise, FL (remote)

*Aug 2023 - Present*

Intern Node.js Developer

- Convert legacy PHP to React & Express.js. Create APIs to query SQL securely in JavaScript to component-based frontend
- Design and implementation of Data Table components to perform CRUD operations on various data sets
- Implementation of authorization and webpage security

### Creating Real - Orlando, FL

*Jan 2024 - Mar 2024*

Intern Web Developer

- Developed pages for <https://Crcl.app> using Node.js, Embedded JavaScript, and styling with TailwindCSS
- Created modular SEO solution for centralized control for Express Server

### Wendy's

Shift Manager - Orlando, FL

*Aug 2022 - Dec 2022*

- Delegated tasks to crew members and managed schedules. Evaluated the restaurant and set goals and priorities for the crew
- Responsible for honest transactions, money depositing, and resolving customer affairs
- Managed inventory, food waste, sanitation, crew members, and all aspects of up to 10-hour shifts

Crew / Team Trainer - Weston, FL

*Feb 2022 - Aug 2022*

- Managed cashier, drive-through interactions, and onboarded new crew members
- Responsible for deep sanitation of the store on the weekly Sunday lunch shift

### ASM Music Schools - Davie, FL

*Feb 2021 - Jun 2022*

Substitute Music Teacher

- Taught various percussion fundamentals, styles, and exercises to students K-12
- Continued private instructor Eloy Oliveros' progress plan for each student. Evaluation and assignment of homework

### NanoXD - Weston, FL

*Jun 2018 - Mar 2020*

Contract Web Developer

- Built and designed UI in WordPress, generating HTML and CSS
- Implementation of data, eCommerce, and contact

## ACADEMIC PROJECTS

### System Software, Compiler in C

*Spring 2024*

- Create a virtual machine for assembly execution to memory
- Compilation and interpretation for PL/0 language
- Implementation of code generation, interrupt handling, processes, and threads

### AI@UCF, Project Smash

*Fall 2023 - Spring 2024*

- Use Python Machine Learning to model a performant AI for a 2D real-time fighting game
- Weekly AI/Machine Learning Workshops participant

### NASA App Challenge, Lunar Simulation

*Fall 2021*

- Convert lunar heightmap .csv data into 3D meshes using Python
- Traversable lunar terrain in Unity Game Engine
- Used Godot to create a 2D map, navigation, and location marker

## SKILLS SUMMARY

**Languages:** Java, C, Python, JavaScript/TS, Golang, Bash, SQL, HTML/CSS, MIPS Assembly

**Math:** Advanced Calculus, Data Analysis, Algorithm Complexity, Discrete Structures, Statistical Testing, Modern Physics

**Technologies:** Docker, GitHub, Postman, AWS EC2, Google Cloud Services, Linux, Windows

**Libraries:** Node.js, React.js, django, pandas, NumPy, TensorFlow, Pytorch, GraphQL

**Hobbies:** Bassoon, Basketball, Chess, Exercise, Stocks