Christopher Januario

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EDUCATION

University of Central Florida   Orlando, FL

Bachelor of Science in Mathematics and Computer Science, Minor in Physics   *Sep 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 Internation 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 JavaScript 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 2023 – 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 – Orlando, FL

Shift Manager   *Aug 2022 – Dec 2022*

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

Crew/Team Trainer   *Feb 2022 – Aug 2022*

- Managed cashier, drive-through interactions, and onboarded new crewmembers
- Sundays responsible for deep sanitation of the store

ASM Music Schools – Davie, FL   *Feb 2021 – Jun 2022*

Substitute Music Teacher

- Taught various percussion fundamentals, styles, and exercises to students K12
- 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 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 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 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