

# Nestor Rubio

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**React Portfolio:** [rubionestor611.github.io](https://github.com/rubionestor611) • **GitHub:** [github.com/rubionestor611](https://github.com/rubionestor611)

## Education

**Bachelor of Computer Science** | University of Central Florida, Orlando, FL | 08/2019 – 05/2023

- GPA: 3.83/4.00
- Awards: Cum laude, President's Honor Roll, Dean's List

## Work Experience

**Software Engineer** | Worldwide Interactive Services, Orlando, FL | 07/2023 – Present

- Develop enhancements and key features for the Milly platform in both React Native mobile app and React web app, collaborating with frontend and backend teams throughout to guarantee the delivery of the best user experience
- Lead git version control and releases for the Milly platform, overseeing critical feature development to ensure seamless deployments
- Contribute to code quality enhancement by actively participating in code reviews and providing feedback
- Develop and present demonstration applications for prospective clients, conducting interactive meetings to gather feedback and ensure clear communication channels, fostering agile development practices for timely project delivery

**Software Engineer Intern** | Qualtrics, Seattle, WA | 05/2022 – 08/2022

- Designed and developed a merge request verification script for the Platform Infrastructure team which currently runs on all merge actions in the team's Load Balancer as Code (LBaC) repository, reducing the runtime of the verification phase of merge requests by about 45% compared to previous script using Golang, Bash, Docker, and other technologies for development
- Improved developer experience with this tool by converting the initial simple script into a command-line interface offering ease of use, optional flags, and help tools for developer teams through the Cobra CLI library for Golang while ensuring thorough documentation on how to use the tool for teams and developers that may not be used to it

**Computer Science Peer Tutor & Mentor** | University of Central Florida, Orlando, FL | 05/2021 – 08/2023

- Tutored computer science courses at UCF, utilizing effective communication to teach C and Java Programming, problem-solving techniques, data structures, algorithms, object-oriented design concepts, and debugging while earning hundreds of positive reviews on an optional survey, showcasing my ability to boost students' confidence and understanding of course material
- As Peer Tutor Mentor I observed tutoring sessions from staff, providing constructive feedback to improve sessions, preparing then presenting training material for tutoring staff, and reporting observations in a weekly meeting with the Tutoring Coordinator

## Projects

**Workout Buddy** | Tech used: React Native, MongoDB, Express, NodeJS, Azure, Expo Go, JavaScript Web Tokens, and more

- Project Manager and full-stack developer for Workout Buddy, an iOS and Android friendly workout application combining many aspects of a workout application with the ability to add friends and build a support network. Friends share calendars, workouts, and exercises. A discover page allows users to read about and use some sample exercises and workouts curated by the development team
- Designed and developed frontend aspects of the application as well as API endpoints and everything related to the application's backend like database creation, schema creation, enabling triggers, hosting on Azure, and connecting the frontend to the back end

**Aud.io Music Player** | Tech used: React, Auth0, Firebase, JSON

- Project Manager and full-stack developer for Aud.io, a web app which serves as a music player for some royalty-free songs. Users can register and log in through the Auth0 service, so that they can play individual songs, create, and listen to custom playlists, like several songs to add to their "Liked Songs" playlist, and even search the collection of songs and playlists or albums to interact with

**Invoice Manager** | Tech used: Python, PySimpleGUI

- GUI designed with PySimpleGUI to automate unique and pseudo-random invoice number generation while also having the user assign that invoice a charged amount, a lot number, and a block number for tracking and invoice generation. Upon submission, a local Excel spreadsheet is updated accordingly to reflect this update

**Azure Cloud Resume** | Tech used: HTML, CSS, JavaScript, Azure CDN, Azure Storage, Azure Cosmos DB, Azure Functions

- Using Azure cloud services like CDN, static website hosting, Azure Functions, and Cosmos DB to host a more complete version of my resume online. The page can be found at <https://nrubioresume.azureedge.net/>.

## Skills

**Programming Languages:** Java, Python, C, Golang (Go), JavaScript (JS), HTML, CSS

**Technologies / Frameworks:** Git, GitHub, Gitlab, Docker, Jenkins CI/CD, ReactJS, React Native, ExpressJS, Azure, Node.js, Java Swing, Postman, Golang Testify Suite, JUnit Testing, TypeScript, MongoDB, SQL / NoSQL, MySQL, Google Firebase, Azure Cosmos DB, Tailwind CSS, Redux Toolkit, Vite

**Methodologies:** Object-Oriented Programming, Agile methodology, Test-Driven Development