

Nestor Rubio

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React Portfolio: rubionestor611.github.io • **GitHub:** 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 user experience 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 high-quality releases
- 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 1 and Object-Oriented Programming w/ Java courses at UCF, utilizing effective communication to teach 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 through an inclusive, empathetic, and challenging tutoring style
- Promoted to Peer Tutor Mentor in November 2021, with responsibilities including observing 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 backend

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
- Designed and implemented several key features including play bar, authentication, Firebase data transfer, and many frontend screens

Invoice Manager | Tech used: Python, PySimpleGUI

- Python 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 which are all typically used to define a job with this client. 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

- A personal rendition of The Cloud Resume Challenge in Azure in which a resume is hosted online through Azure services
- Currently in progress as various additions and modifications are needed but it can be visited at rubionestorresume.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

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