Nestor Rubio

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LinkedIn: linkedin.com/in/rubio-nestor | **React Portfolio:** rubionestor611.github.io | **GitHub:** github.com/rubionestor611

Education

University of Central Florida | 08/2019 – 05/2023
BS in Computer Science
GPA: 3.83/4.00 (Cum laude)
President's Honor Roll, Dean's List

Work Experience

Qualtrics, Seattle WA | Software Engineer Intern (Platform Infrastructure Team) | 05/2022 – 08/2022

- Built a merge request verification flow which runs on all merge actions in the team's Load Balancer as Code (LBaC) repository in an agile development environment
- Reduced the runtime of the verification phase of merge requests and merges by about 50% compared to previous script through the use of Golang, Bash, and Docker for development
- Converted 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
- Fully deployed my project to production in the Jenkins pipelines for the LBaC repository on all merge requests and merges

UCF Student Academic Resource Center, Orlando FL | Peer Tutor (Computer Science) | 05/2021 – Present

- Tutored the Computer Science 1 and Object-Oriented Programming w/ Java courses at UCF, using effective communication to teach students things like problem-solving techniques, data structures, algorithms, object-oriented design concepts, debugging, etc.
- Promoted to Peer Tutor Mentor in November of 2021, giving me the opportunity to:
  - Observe tutoring sessions by staff to provide feedback on how to improve sessions, reporting these observations in a weekly meeting with the Tutoring Coordinator
  - Prepare and present training material for tutoring staff during training events

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

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

Password Manager on Laptop

- Graphical User Interface (GUI) made with Java Swing which connects to a local MySQL server. Allows users to create, read, update, and delete passwords from the database. Applied CRUD and OOP principles

Invoice Generator

- Python script which asks for user input from the console and populates Word document templates saved in the folder with entered information as well as current date and client information which is saved onto CSV documents

Invoice Manager

- 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

ReactJS To-Do List

- To-Do list application created in ReactJS allowing for the user to add items to their list and remove completed items. Each item can have an associated title, notes, due date, and color for the item, making visual categorization easy

Skills

Programming Languages: Java, Python, C, Golang (Go), JavaScript (JS)
Technologies / Frameworks: Git, GitHub, Gitlab, Docker, Jenkins CI/CD, ReactJS, ExpressJS, Azure, Node.js, Java Swing, Postman
Database: MongoDB, SQL, MySQL, Google Firebase
Methodologies: Object-Oriented Programming, Agile methodology