


Nestor Rubio

Software Engineer

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LinkedIn 

Github 

Education

University of Central Florida – Bachelor of Science, Computer Science

Aug 2019 – May 2023

Orlando, FL

- GPA: 3.83/4.0
- Cum Laude Honors

Work Experience

Qualtrics – Software Engineer Intern (Platform Infrastructure Team)

May 2022 – August 2022

Seattle, WA (Remote)

- Built a merge request verification script which runs on all merge requests and merges into one of the team's GitLab repositories with Golang, Docker, Jenkins, and more, cutting runtime by about 50%

UCF Student Academic Resource Center – Peer Tutor (Computer Science)

May 2021 – Present

Orlando, FL

- 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, time management, and more
- Promoted to Peer Tutor Mentor in November of 2021
 - Observe tutoring sessions by staff to provide feedback on how to improve sessions, reporting these observations in a weekly meeting with the Tutoring Coordinator
 - Preparing and presenting training material for tutoring staff during training events

Projects

Workout Buddy – “Project Manager”, Full-Stack

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

- An iOS and Android friendly workout application combining many aspects of a workout application with the ability to add friends and build a network of support. Friends share calendars, workouts, and exercises while a discover section allows users to read about and use some sample exercises and workouts curated by the development team

Aud.io Music Player – “Project Manager”, Full-Stack

Tech used: React, Auth0, Firebase, JSON

- Web app which serves as a music player for some royalty-free songs. Users can register and log in through the Auth0 service, providing secure authentication, 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 made with Java Swing which connected to a MySQL server set up on local machine. Allowed 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 allowing the user to assign that invoice a charged amount, a lot number, and a block number 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, allowing for visual categorization

Skills

Programming Languages: Java, Python, C, Golang (Go), JavaScript

Technologies/Frameworks: Git, Github, Gitlab, MongoDB, SQL, MySQL, Docker, Jenkins CI/CD, ReactJS, ExpressJS, Azure, JavaScript Web Tokens, Node.js, Java Swing