

Mariano Gongora III

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EDUCATION

University of Texas Rio Grande Valley

Aug. 2020 – May 2023

Bachelor of Science in Computer Science

Edinburg, TX

- Coursework: Programming Fundamentals 1,2 and 3 • Programming in UNIX/Linux • Algorithms and Data Structures • Software Engineering • Java • Computer Networks • Computer Architecture • Robotics Programming
- UX/UI • Deep Learning

PROJECTS

Automotive Advising | *Android Studio, Java, MySQL*

Lead Developer-2020

- Team built coursework assigned mobile android app developed with android studio written in Java that uses MySQL to create a car market with secure account creation and login.
- Utilized GitHub to collaborate with team
- Applied secure password storing by using hashing
- Utilized unit testing to ensure quality code was pushed

Poison Bot | *Node.JS, JavaScript, MongoDB*

Sole Developer-2021

- Self-built personal project moderation bot for a discord server that uses MongoDB and Node.JS to automate commands for server admins and stored user info for weekly leader boards.
- Ran bot on my own machine for a Discord server of over 400 participants
- Implemented weekly leader-board and kept track of every user's score
- Collaborated with administrators to make easy to understand and remember commands to interact with the bot

ChatIt! | *Django, Python, JavaScript, MongoDB Compass, HTML/CSS Pillow, AWS*

Developer-2023

- Team built senior project web app developed with Django framework with MongoDB in the back-end that allows users to create accounts and open chat rooms that can send text and images. Main contributions include account editing and message sending.
- Utilized agile methodology to build project with a professor as the customer and project manager
- Produced user stories to measure overall progress
- Utilized Git for version control, and Jira combined with sprint reports for progress tracking

EXPERIENCE

Pharmacy Technician

September 2022 – Present

Walgreens

Mission, TX

- Pharmacy technician providing over 70 customers a day customer service by selling medication, resolving insurance conflicts and filling prescriptions.

ACTIVITIES

University Interscholastic League

- Four years of competitive coding through UIL with the Java language achieving district champs and competing at the regional level

First Robotics

- One year in FIRST robotics as one of two programmers developing both game pad controls and an entire autonomous section becoming division champions

TECHNICAL SKILLS

Languages: C++, Java, My SQL, Python, C, JavaScript, Assembly, Ruby, App Inventor, Kotlin

Frameworks: React, Node.js, Django, .NET, Rails, WinForms

Developer Tools: Git, Jira, Figma, VS Code, Visual Studio, Android Studio, NetBeans, Slack