

# Mariano Gongora III

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## EDUCATION

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### University of Texas Rio Grande Valley

Aug. 2020 – May 2023

*Bachelor of Science in Computer Science*

*Edinburg, TX*

- Coursework: Algorithms and Data Structures, Software Engineering, Computer Networks, Computer Architecture, Robotics Programming, UX/UI, Deep Learning

## TECHNICAL SKILLS

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

**Frameworks:** React, Node.js, Django, .NET, Rails, Spring Boot

**Developer Tools:** Git, Jira, Figma, VS Code, Visual Studio, SQL Server, Android Studio, NetBeans, Slack, WinForms, Heroku, Vercel, Vite, NPM

## PROJECTS

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### CubeWorld | *React, JavaScript, Spring Boot, Java, HTML/CSS, MySQL, Heroku, Vercel*

Developer-2024

- Created a mock fullstack E-Commerce website that allows users to browse items, add items to a cart, and create an account to store cart items.
- Leveraged Spring Boot to develop a backend API to handle CRUD operations for user profiles, user carts, and products.
- Designed and created dynamic and responsive UI using HTML, CSS, JavaScript and React.
- Utilized Vercel to deploy frontend and used Heroku to deploy backend with Kitefin add-on to manage MySQL database.

### Poison Bot | *Node.js, JavaScript, MongoDB*

Developer-2021

- Created a moderation bot for a discord server that automates commands for server administrators and stores user info for weekly leader-boards.
- Leveraged the discord.js module to interact with discord API and utilized JavaScript to make custom themed embedded messages
- Applied security checks so only administrators could add roles, kick, ban, and mute with custom commands
- Increased revenue from server advertisements by creating "competition" with the leader-board which impacted user activity positively

### Automotive Advising | *Android Studio, Java, MySQL*

Developer-2020

- Collaborated with 1 other team member to create a mobile android app which allowed users to create accounts and post cars to sell on a marketplace
- Utilized Java and MySQL to allow app to run on multiple platforms and store user info and entries easily
- Applied secure password storing by using MD5 to avoid plain-text password storing
- Wrote unit tests to ensure quality code was pushed

## EXPERIENCE

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### University Interscholastic League

- Four years of competitive coding through UIL. Challenges including timed written portion involving Java syntax error checking and logic processing then a second timed portion involving leetcode style questions including everything from ADS to maze solving. Achieved district champs and competed at the regional level.

### First Robotics

- One year in FIRST robotics as one of two programmers developing both game pad controls and an autonomous section where the robot had to control multiple motors and servos to complete tasks and score the most points. Achieved first place in multiple regional competitions and became district champions.

## WORK HISTORY

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### 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.