

Jaime Garcia, Jr.

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Education

University of Texas Rio Grande Valley

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING, GPA: 3.95/4.0

Edinburg, TX

June 2022

- **Activities and Organizations** — ACM, SHPE, H&M
- **Awards and Honor** — President's List, HSF Scholar

Experience

University of Texas Rio Grande Valley

IT WEB DEVELOPER ASSISTANT

Edinburg, TX

July 2020 – present

- Performed accessibility improvements across multiple UTRGV sites on the Cascade CMS.
- Managed the UTRGV site by satisfying customer requests and tickets from the UTRGV TeamDynamix interface.
- **Technologies:** HTML / CSS, Javascript, Cascade, Siteimprove

University of Texas Rio Grande Valley

P2C2 LEARNING ASSISTANT

Edinburg, TX

January 2020 – May 2020

- Handled recordkeeping and grading for current students enrolled in mathematical courses, 2412 Precalculus (90).
- Held one-on-one question and answer sessions with students taking relevant courses every week.

Roma ISD

STUDENT TUTOR / ATTENDANCE CLERK

Roma, TX

June 2019 - July 2019

- Maintained records of assessment results, progress, feedback, and school performance, ensuring the confidentiality of all records (200-300).

Projects

discord.py (Open Source Python Library)

- **Overview:** Provided updates to public examples on the GitHub repository and helped with online documentation.
- **Technologies:** discord.py, Git / GitHub
- **Goals:** To contribute via open source and to further familiarize self in version control.

meowBot (Python Discord Bot)

- **Overview:** Developed a Python Discord bot and implemented a solution to streaming mp4 audio directly into a voice channel.
- **Technologies:** discord.py, youtube-dl, ffmpeg, Heroku, Google Cloud Platform
- **Goals:** To create a bot for daily usage and music streaming on my custom server.

OutlookAuto (Python Automation)

- **Overview:** Created a Python automation batch script that works with the Python module Selenium for entering user credentials to login into Outlook.
- **Technologies:** Python, Selenium
- **Goals:** To increase efficiency of student emailing using Outlook with automation.

FileAuto (Python Automation)

- **Overview:** Created a Python clean-up utility script that consistently cleans and organizes the Downloads folder of a user's device upon file status change.
- **Technologies:** Python, Modules: os, sys, watchdog
- **Goals:** To diminish the time periodically spent on organizing downloaded files.

Skills

Technologies C++, Python, Dart / Flutter, HTML / CSS, C, MASM / NASM, Verilog, SQL

Exposed To Ubuntu / Kali Linux Environment, Git / Github, Google Cloud Platform, Heroku, FPGA, Javascript

Certifications

— Virtual Software Engineering Intern, InsideSherpa / JPMorgan Chase & Co.

— From Data to Insights with Google Cloud Platform, Google / Coursera