

JORGE ORTA

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SUMMARY

Undergrad student searching for an internship or full-time in front-end development.

EDUCATION

Bachelor's Degree in Computer Science

Graduating December 2024

The University of Texas Rio Grande Valley, Edinburg, TX

3.34 GPA

College of Engineering and Computer Science

Relevant coursework: Software Engineering I & II, OOP in Python, UI/UX Design, Algorithms & Data Structures

EXPERIENCE

Semantic Image Segmentation Research Project

December 2023 – Present

Undergraduate Research Assistant

Edinburg, TX

- Converted 3D images to 2D slices during initial stage, also assisted in writing
- Wrote the training file for an image segmentation task, initializing U-net channels for Covid-19 Lung CT Scans.
- Trained 60 different hyperparameter combinations (learning rate, batch, epochs)
- Finalized which hyperparameters brought a closer dice loss accuracy

ACADEMIC PROJECTS

Valle Game Jam Website

Summer 2024

Completed a working landing page for Game Jam participants.

- Designed 4 different pages for website
- Utilized html and css for front end development on VS Code
- Deployed quickly using Github Pages
- Delivered site in 3 weeks.

InkSync App

Summer 2024

InkSync is a social platform for tattoos emphasizing interaction between artist and client.

- Communicated purpose and intent with app design.
- Established color, typography and app components.
- Delivered 7 wireframes for different pages within the app.
- Prepared working prototypes for developers to work with, speeding up development by 25%.

Food Ordering Website [Public Repo]

Fall 2023

Basic Food Ordering Website using HTML, CSS & Python with 2 other students.

- Created 3 page routes for different restaurants containing button routes for checkout, orders, sign-up, & log-in.
- Wrote GET/POST request methods for adding food items to user's order.
- Deployed application with working order list, checking out functionalities & button for map tracking.

Student Gradebook Web Application [Private Repo]

Spring 2023

Led a team of 3 to analyze, fix, and successfully using Ruby on Rails hosted through Render.

- Analyzed developer's documentation, found issues & delegated 13 tasks.
- Tested happy paths using Cucumber and used Rspec for sad paths serving as BDD tools.
- Completed 4 tasks in page redirection, display alerts and familiarized with MVC pattern.

TECHNICAL SKILLS

Programming: Python, Scala, Java, Javascript, Ruby, Dart, C++

IDEs & Technologies: Adobe Illustrator/ Photoshop, Figma, VS Code, Android Studio,

Libraries: OpenCV, Numpy, SciPy, Matplotlib, Torch

Spoken Languages: English, Spanish