

JORGE ORTA

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SUMMARY

Motivated Computer Science undergraduate with a foundation in front-end development and an interest in web applications. Seeking an internship apply my skills in coding, UX design, and digital marketing analytics while contributing to innovative projects.

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: Web Development, UI/UX Design, Software Engineering I & II, 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 and developed a multi-page landing site for a game jam event, using HTML, CSS and Javascript.
- Deployed the site via GitHub Pages, demonstrating rapid deployment skills and front-end development proficiency.
- Delivered site in 3 weeks.

InkSync App

Summer 2024

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

- Created wireframes and prototypes for a social platform, focusing on user interaction and design consistency.
- Collaborated with developers, improving the development process by providing clear, functional prototypes.

Food Ordering Website [Public Repo]

Fall 2023

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

- Contributed to building a web application for food ordering using HTML, CSS, and Python, incorporating essential features like user authentication and order management.
- Gained experience in handling GET/POST requests and integrating functionalities with a user-friendly interface.

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: HTML, CSS, Javascript, Python, Scala, Ruby, Dart, C++

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

Libraries: OpenCV, Numpy, SciPy, Matplotlib, Torch

Spoken Languages: English, Spanish