JORGE ORTIZ

Mayaguez, Puerto Rico — jaort.2000@gmail.com — (787) 664-4744 — linkedin.com/in/jorgeaortizramirez

EDUCATION

University of Puerto Rico Mayaguez, Mayaguez, Puerto Rico
Enrolled: Aug 2018 — Expected: Dec 2025

EXPERIENCE

Red Ventures Puerto Rico — San Juan, PR
Associate Software Engineer Intern — May 2023 - Aug 2023

- Collaborated with the Platea team to deliver front-end and back-end features on multiple websites. Utilized Word-Press, Twig, Timber, and PHP for front-end, and Prisma and Nest for back-end.
- Enhanced user engagement by implementing a 'Save' feature for blog content and developing an API for user-generated lists.
- Drove A/B testing initiatives by coding two content gates, optimizing user interaction, and refining conversion pathways.
- Demonstrated proficiency in React and TypeScript while working on an additional site, further diversifying skill set and impact.

The Arecibo Observatory — Arecibo, PR
Software Engineering REU — May 2022 – Aug 2022

- Independently developed a proof of concept MERN stack web application under the guidance of a mentor. The application showcased real-time data from the 12m Radio Telescope, accompanied by a logging tool for operational data collection.

Agricultural Extension Service UPRM — Mayaguez, PR
Junior Software Engineer — Sep 2021 – May 2022

- Develop web modules using PHP/Laravel/MySQL for the different services the organization offers.

Voluntariado de Ingenieros y Profesionales — Puerto Rico
Data Analyst — Sep 2020 – Feb 2021

- Collaborated with a company dedicated to aiding those affected by the 2020 Puerto Rico earthquakes. Focused on facilitating home reconstruction, I managed and processed thousands of requests containing demographic, financial, and diverse datasets. Leveraging Python scripts and data analysis techniques, I extracted meaningful insights to inform strategic decision-making and resource allocation.

PROJECTS

To-Do App *Project Link (frontend):* `https://github.com/jorgeortiz41/todo-app` *Project Link (backend):* `https://github.com/jorgeortiz41/todo-server`

- Simple to-do app using MERN stack and MaterialUI for the UI. Implemented a CRUD API for the tasks, and other features such as categorizing and creation of new lists.

AI Discord Bot *Project Link:* `https://github.com/jorgeortiz41/ai-discord-bot`

- Developed a Python AI Discord bot leveraging the OpenAI API to provide two distinct functionalities: ChatGPT mode for natural language interactions and a data mode generating CSV outputs based on user-defined rows and columns.

E-commerce Product Page *Project Link:* `https://github.com/jorgeortiz41/e-commerce-product`

- Developed a high-fidelity e-commerce product page using Next.js and Tailwind CSS, meticulously recreating design elements and images to closely match the original interface. Demonstrated proficiency in frontend development and attention to detail in replicating visual assets.

SKILLS

- **Programming:** Python, Java, JavaScript, TypeScript, PHP, HTML, CSS.
- **Databases:** MongoDB, MySQL, PostgreSQL.
- **Frameworks/Libraries:** React, NextJS, WordPress, Express, Prisma, Nest, TailwindCSS, MaterialUI, Framer-Motion, Swagger.
- **Cloud:** AWS.
- **Knowledge:** Data Structures and Algorithms, Algorithm Analysis, OOP, Digital Design, Software Requirements, Software Design, Software Testing, Digital Design, Assembly.