Justin Ortiz

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Professional Summary

Software Engineer with a B.S. in Computer Science and 2 years of experience developing full-stack web applications using React and Django. Specialized in building intelligent, data-driven systems powered by AI and computer vision. Currently seeking a full-time software engineer role to continue building innovative software applications.

Skills 🛠️

- Languages & Frameworks: JavaScript/TypeScript, HTML/CSS, Python, Java, C/C++, React, Django, Spring Boot
- Other Technologies: PostgreSQL, TailwindCSS, Git, Embedded Systems, Netfily, Render

Projects 💻

Live Video Game Scoreboard 🔗 | **Repo** ↗ | March 2025 - July 2025
React, TypeScript, Tailwind, Django, Render, Netlify
- Developed and deployed a full stack web app to display real-time Call of Duty scores.
- Used OpenCV to extract scores from live stream frames and an LLM API to convert data to structured output for a Django REST API.

AI Robot ↗ | June 2025 - Present
React, TypeScript, Tailwind, Django, C
- Built a web app for manual and autonomous robot control. Backend runs on a Raspberry Pi using Django, OpenCV, and a local LLM to generate movement commands sent via UART to an STM32 MCU.

Hotel Booking Web App and Dockerization ↗
Spring Boot, Angular, Docker
- Enhanced an app with multi-threaded, timezone messaging, and real-time currency exchange.

Student Roster System ↗
C++, CMAKE
- Developed a CLI app made with C++ to manage a roster of students, demonstrating OOP skills.

Professional Experience 💼

Help Desk Administrator | Oct 2024 - Present
Coral Productions | Manhattan Beach, CA
- Attended incoming tickets and troubleshooted user issues.
- Built, troubleshooted, and maintained inventory of computers.
- Created Python scripts to automate repetitive processes, which streamlined workflows.

Software Engineer Intern | Sep 2024 - Dec 2024
AImpulse | Remote
- Developed AI-powered APIs using Django and LLMs for an intelligent chatbot that was part of a mentor-matching app.

Summer Camp Programming Instructor | June 2024 – Sep 2024
Brains and Motion Education | Glendale, CA
- Instructed students on LEGO robotics using MicroPython.

Operations Associate | April 2023 – April 2024
Amazon | Eastvale, CA
- Documented worker's compensation, meeting strict deadlines and requirements.

Education 🎓

Bachelor of Science in Computer Science | Graduated Aug 2024
WGU 🦉 | Salt Lake City, UT
Relevant Coursework: Data Structures & Algorithms, Web Development, Artificial Intelligence