Jeshua Linder Jiménez

Contact

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Education

University of Puerto Rico, Mayagüez – B.S. in Software Engineering, GPA: 3.03   Expected May 2027

Professional Experience

Full Stack Automations Systems Developer, Loxodon-1 – Mayagüez, PR   Jan 2024- Ongoing

- From-scratch, developed Arduino sensors & control website to an in-development liquid rocket engine, using software ranging from LabView, to Docker
- Leading implementation of wireless capability to rocket via client-run, docker mounted, multi-level port forwarded on-site servers
- Gained on-site experience with aeronautical development, circuit design, agile methodology, multi-level development, and cross-team collaboration

Industry Relevant Projects - All available in https://github.com/JeshuaLinderJ

Automated YouTube/Spotify Playlist from Apple Product   Jan 2025

- Developed series of python scripts to parse iPod Classic, automatically create online music playlists, and document unrecognized songs within Spotify database
- Applied knowledge of APIs via Google & Spotify tools, to solve personal dilemma with apple product that lacked solution
- Fully open source with documentation on how to use

Automated Dice via Microcontroller   Dec 2024

- Created tool to automate physical dice of 2, 4, 6, 8, 10, 12, 20, & 100 sides, with menu GUI and animated rolling
- Strengthened ability to utilize and create ideas through microcontrollers, and how to start and finish a project with no oversight, while managing academic & professional responsibilities

C++ Project Showcase Website, JeshuaLinderJ.github.io   Nov 2024- Ongoing

- Designed and deployed docker-compatible website, via GitHub repository service
- Learned web design, development, and use of Web Assembly to implement C++ programs in UI

Skills

- **Languages:** C++, Python, Java, Arduino, JavaScript, CSS, HTML, Swift
- **Software:** Docker, Linux, Influxdb, GitHub, Arduino IDE, VMware Fusion
- **Soft Skills:** Leadership, compromise, critical thinking, multicultural/multilanguage communication