Nicolas Perez

Contact Information:

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GitHub: https://github.com/NicolasAPerez

Education:
1. Bachelor of Science- University of Florida | Major- Computer Science | Minor- Electrical Engineering
   a. GPA: 3.68 / 4.00
   b. Graduated May 2023
   c. Phi Kappa Phi Honor Society Member
2. Associate of Arts- Gulf Coast State College | Graduated Aug 2020

Hybrid Project Experience:
1. UF IPPD Collaboration Project "Hacker Jeopardy Phase 3" – Collaborating Company: Raytheon
   a. **Web Application Linked to a SQLite Database**
   b. Worked with a Legacy Raytheon training web application. We were tasked to add more features and functionality ranging from the front-end and back-end. I complied and analyzed the back-end to create a document explaining each file and method. I worked alongside a team of 3 other students under the supervision of a senior employee from Raytheon.
   c. Associated Technologies and Languages: CherryPy, Jinja2, Python, JS, SQLite 3, Bootstrap, jQuery, Chart.js

Academic Project Experience:
1. LA Crime Web App
   a. **Web Application Linked with a Remote Oracle Database**
   b. Created a web application from the group up alongside a team of 3 other students. The objective of the project was to get and analyze an existing database in a web application format. My role in the project was to implement all of the back-end, connect the back-end to the Oracle Database, and implement JavaScript into the front end.
   c. Associated Technologies and Languages: JS, Node.js, Express.js, Node-Oracledb, Oracle Database, SQL, Chart.JS
2. PLTW Engineering Design and Development
   a. Completed, as a group, a full engineering process from start to finish, including brainstorming, market research, patent searching, design, development, prototyping, and presentation.

Skill Set:
1. Proficient Programming Languages/Frameworks:
   a. 3 Years: Java
   b. 2 Years: C++
   c. 1 Year: C#, Assembly, Node.JS, Javascript, SQL, Python
2. AutoDesk Inventor Certified
3. Experience with Android Studio, Unity, working in a virtual environment, Agile Methodologies, Oracle Databases.