Alexander A. Yodice Maldonado

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GitHub   **LinkedIn**

Education

Polytechnic University of Puerto Rico
B.S. in Computer Engineering
GPA: 3.1
Expected Graduation date: Abril 2025

Work Experience

Tech Sales and Technical Assistant - The Fix PR (June 2023 – current)
• Assisted technicians in performing phone repairs, including screen replacements, battery swaps, and charging port fixes for iPhones and Android devices.
• Sold a variety of tech accessories such as phone covers, screen protectors, and chargers, contributing to store sales targets.
• Provided customer service by diagnosing device issues and offering repair solutions, ensuring customer satisfaction.
• Collaborated with technicians to perform same-day repairs, streamlining the repair process and reducing customer wait time.
• Worked in multiple locations, including The Mall of San Juan, Santa Rosa Mall, and Plaza del Sol, maintaining consistent sales and service quality across sites.

Business Intelligence Intern - Oficina del Contralor de Puerto Rico (August 2023 – December 2023)
• Engineered a web-based mapping application integrating Google Maps APIs for enhanced geocoding and route optimization.
• Executed full-stack development, including API integration and UI design using HTML, CSS, and JavaScript, aligning with government operational needs.
• Achieved a significant enhancement in agency process efficiency, reflecting strong capability in delivering impactful government sector web projects.
• Employed Azure DevOps for continuous integration and deployment, ensuring high-quality code management and team collaboration through effective version control strategies. This approach significantly streamlined the development lifecycle and bolstered the project's adherence to best practices in software development.

Sales Employee / Cashier - Zapaventura, Plaza Las Americas (July 2016 – August 2023)
• Specialized in children's Mexican and Spanish leatherbound footwear, acquiring expertise in European shoe sizes.
• Maintained customer service and efficiency in a fast-paced retail environment.
• Handled transactions and provided product information, contributing to sales goals and customer satisfaction

Experience

Class Portfolio Web (Design for EE & COE) - Spring 2021
• Developed a website to exhibit student portfolios, utilizing HTML and CSS to present a professional and engaging platform.
https://github.com/AlexYodice/ResumeWebsite

Company Reception GUI - Advanced Programming Course Project.
• My responsibilities included the effective integration of a SQL database, which was instrumental in maintaining visitor data integrity and facilitating efficient data retrieval for reporting and analytics purposes.
• Designed and implemented key functionalities, such as registering and updating visitor details with photo uploads, reviewing visitor history through a JTable interface, producing daily visit reports, and providing comprehensive help documentation for users.
• This project was a collaborative effort, where I honed my teamwork, source code management, and software testing skills to deliver a polished, functional software system that met the high standards expected in our advanced programming curriculum.
https://github.com/AlexYodice/VisitorFrameGUI

Asignación Estratégica de Auditores: GeoMapsOCPR Project - Oficina del Contralor de Puerto Rico (August 2023 – December 2023)
• Led the development of a specialized mapping application, integrated Google Maps for accurate address geocoding and route planning.
• Engineered a web-based mapping application integrating Google Maps APIs for enhanced geocoding and route optimization.
• Designed a user-friendly interface, ensuring the application's accessibility and ease of use for agency personnel.

Skills

Retail Experience in Selling Children Shoes/ School Shoes: Elefante, Pablosky, Mapili, Pataleta y flexi
• Specialized in assisting families, selecting footwear solutions.
• Extensive product knowledge and sales expertise in various shoe types and sizes suitable for individuals of all ages.
• Proficient in providing fitting guidance to ensure comfort and support for each family member.
• Skillfully managed inventory, ensuring a wide range of options for family footwear needs.
Programming experience in Python, CSS, HTML, SQL, JS, Java, MATLAB, HTML, C# and C++.
• Advanced Video and Editing (Final Cut Pro X, Logic Pro X, Adobe Premiere)
• Fully bilingual in Spanish and English.

Relevant Coursework

- Data Structures
- Database Systems
- Software Engineering
- Microprocessors
- Computer Architecture
- Digital Signal Processing
- Operating Systems
- Digital System Design with VHDL