

# Diego A. Rodriguez Piñeiro

Entry Software Engineer | Mobile Web Designer

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## SUMMARY

Computer Engineering graduate with experience designing and building full-stack and IoT system across the mobile, backend, and database layers. Built a smart-wardrobe platform that would communicate and send real-time feedback to the app, and through the app control the physical wardrobe. As well as designed multi-paradigm machine learning pipeline spanning supervised, unsupervised, and deep learning. Bilingual (English / Spanish). Seeking an entry-level software engineering, IT, Cybersecurity, AI or related roles.

## EXPERIENCE

Customer Service 06/2023 – 06/2026  
[Toro Verde Urban Park](#) San Juan, PR

- Delivered customer service in a high-volume environment while balancing a full engineering course load
- Handled point of sale operations and supported daily store workflows in a fast-paced, team-based setting.
- Promote sales for the company, via customer engagement.
- Prepared equipment and harnesses for customer and personal use. Providing lookout for customers safety and well-being.

## EDUCATION

Bachelor of Science in Computer Engineering 08/2020 - 05/2026  
[Universidad Ana G. Méndez](#) Gurabo, PR

## CERTIFICATIONS

Certificate of Recognition - EXPLORATEC 12/2025  
Awarded in recognition for outstanding commitment, effort, and professionalism during academic and extracurricular participation

ISC2 Certified in Cybersecurity (CC) Present  
In Progress

## PROJECTS

**Styl-AI Closet – Smart Wardrobe System**  
08/2025 - 05/2026

Software Engineer – Senior Capstone

- Built the mobile application and backend for a system that lets users digitally catalog garment, build outfit sets, and physically retrieve items from an automated closet – all from their phone.
- Developed a FastAPI/Python REST API with 30+ endpoints and real-time WebSocket event system.
- Implemented a multi-user sharing system with role-based access control, invitation codes and server-side permission on endpoints

**Diabetes Risk Prediction – ML Project**  
01/2026 - 05/2026

Intro to Machine Learning – Course Project

- Built an end-to-end ML pipeline on a 100,000 – record dataset, enforcing strict data-leakage prevention by removing diagnostic columns before any transformation.
- Trained and compared five classifiers using stratified 5-fold cross-validation.
- Performed K-means and agglomerative clustering with elbow / silhouette model selection and PCA visualization to identify interpretable risk segments.

## LANGUAGES

Spanish Native ●●●●●

English Advanced ●●●●○

## SKILLS

Java · Python · JavaScript · C++ · HTML  
CSS · CI/CD · Web/Mobile Design ·  
Logisims · Flutter · MySQL · Communication

## INTERESTS

- ★ Technology / AI / Security
- ★ Gaming / Designing / Developing
- ★ Culture / Nature / Traveling
- ★ Learning / Growing / Adapting