

ALEJANDRO A. DIAZ MEDINA

Intern/Entry-level Software Engineer

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🌐 <http://www.github.com/AleDiaz/>

📍 San Juan, PR

OBJECTIVE

As a fourth-year undergraduate student pursuing a Bachelor's in Software Engineering, my objective is to secure a challenging work or internship opportunity in the field. I aim to obtain a software engineering position that will allow me to apply and expand my knowledge and skills while contributing to the success of the company. I am seeking an opportunity to work with a team of experienced professionals who will challenge me to grow and develop as an engineer, and where I can make a positive impact through my work.

EXPERIENCE

Data Analyst Intern

NAGNOI LLC

📅 05/2023 - 07/2023 📍 San Juan, PR

Data analysis company partners with the Department of Education of Puerto Rico to empower public schools across the region through insightful data-driven solutions.

- Utilized tools such as Excel, and SQL to preprocess and organize data effectively
- Learned in conducting statistical analysis to derive meaningful insights from data
- Wrote SQL queries to extract specific information from databases, facilitating data retrieval for analysis
- Engaged in peer review of code and analysis, providing constructive feedback and receiving feedback graciously to improve the quality of work.

Coding Club (Participant)

Computer Society

📅 08/2022 - 05/2023 📍 Mayaguez, PR

- Collaborated with peers to tackle shared interview challenges, enhancing problem-solving skills through the analysis of data structures and algorithms

PROJECTS

Dinner Dash Project

- Developed a C++ interactive program that simulates the popular game Diner Dash
- Utilized data structures to mimic the functionality of the original Diner Dash game
- Added new images, loading time between item pickups, and used Object-Oriented Programming to create new entities

Fractals

- Demonstrated inheritance and polymorphism principles in creating interconnected fractals
- Used refactoring and restructuring abstract and superclass structures
- Utilized recursion to generate various fractals such as the Sierpinski Triangle, Barnsley Fern, Koch Snowflake, etc

LANGUAGES

English



Spanish



EDUCATION

Bachelor's in Software Engineering

University of Puerto Rico Mayaguez

📅 08/2020 - Present

- Coursework: Advanced Programming(OOP), Data Structures, Intro to Software Engineering, Analysis of Algorithms, Programming Languages, Fundation of Computing
- Pursuing a Minor in Project Managment
- Expected Graduation Year 2025

SKILLS

Coding

Java

Python

C++

SQL

Tools

GitHub

Visual Sutio Code

Eclipse

Microsoft Office

Frameworkos:

openFrameworks

Oppering Systems

MacOS

Windows