BRADLEY ACOSTA

Computer Science Graduate

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Check my Github!

SUMMARY

Hard-working computer science graduate with strong programming skills and problem-solving abilities. Proven ability to work well under pressure and multi-task effectively. Eager to learn and expand my expertise to support strategic goals.

EDUCATION

Polytechnic University of Puerto Rico

Bachelor's Degree in Computer Science major
2018-2024

Naval Research Enterprise

Full Stack Developer Internship
2020-2021

COMPETENCIES

HARD SKILLS

- HTML
- Javascript
- CSS
- Python (novice)
- PHP Programing
- C++ and C#
- Database SQL
- Node.Js
- NPM Servers
- Express.Js
- Github
- Lucidchart
- Microsoft 365

SOFT SKILLS

- Communication

  (English and Spanish)

- Team Player

- Quick learner

- Attention to detail

- Adaptability

- Time Management

COURSEWORK

- Software engineering
- Database Systems
- Data structures and Algorithms
- Computer Networks
- Operation Systems
- Computer Science Project I and II

CAREER EXPERIENCE

Full Stack Student Management System

Project | 2022-2023

The system assists students and receptionists at the Polytechnic University of Puerto Rico in creating university accounts, selecting majors and classes, and communicating with professors and staff. It provides comprehensive information about the university and its majors, helping students make informed decisions.

Students can view and update their personal information, and contact the office for further assistance. Admission staff and student workers can manage requests, interact with requestors, send notifications, and perform other necessary administrative tasks.

Features include:
- Calendar for appointments and important dates.
- Secure registration and authentication processes.
- SQL database for storing admin and student information.
- Management of enrollment, contact forms, programs, and menus.

Naval Air Warfare Center Training Systems Division

Internship | 2020-2021

At TECHRAT LAB, I gained valuable experience with Git/GitHub and JavaScript file operations. I then participated in a project to create a cross-platform application using Electron, Node.js, NPM, HTML, CSS, and JavaScript.

My responsibilities included:
- Developing a full-stack application with Electron, emphasizing responsive design and web security best practices.
- Implementing asynchronous HTTP communication between the client and server.
- Building a secure server application using Node.js and Express.

This role provided comprehensive exposure to full-stack development and collaborative project work.

Student Library Application

Project | 2020-2021

Developed a comprehensive library application for students using C++, offering an enriching learning experience.

Key features included:
- Book Selection: Enabled users to choose books by genre or type.
- Detailed Information: Provided comprehensive information on each selected book.
- Cart Management: Implemented functionality to add, edit, search, and delete books in the cart.

This project enhanced my C++ programming skills and provided valuable experience in developing user-centric applications with complex functionalities.