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Objective

Seeking an internship where I could develop my skills as a Computer Engineer, while exceeding the company's goals.

Experiences

JEChat – Databases Class Project

Feb 2018 – April 2018

- Developed a user-friendly web-app mimicking *Whatsapp* with a functioning Database using **SQL in PostgreSQL**.
- Integrated RestApi using **Python Flask** for the communication of the WebApp and the database of the project.
- Accomplished completion of a full-stack web-app project within a timeline of 2 months with excellent results.

Operation Sahure/Pyramid Scheme - Class Project

August 2017 – December 2017

- Implemented various data types like Trees, Maps, Hash Maps, Linked Lists, Hash Trees for simulated FBI investigation.
- Developed a program that related a pyramid scheme using various ADTs given in Data Structure class
- Implementing an imitation of an "FBI" investigation in which it will choose the path of a given number of arrests which would give the maximum/highest assets confiscated.

Intern Summer Program

June 2016- July 2016

Roche Operations, Ponce, PR

- Identified and fixed errors in automated request forms, using Microsoft InfoPath and SharePoint Designer.
- Revised manufacturing procedures of blood glucose test strips and oversaw that the Standards Operating Procedures (S.O.P.) were followed adequately.
- Surpassed expectations of manager in Manufacturing Division with the exceptional results given.
- Updated Waste Disposal and Storage Chemicals Charts immediately after waste management organization were substituted

Extracurricular Activities

Undergraduate Research – RUMarino

February 2018 – Present

Software Development Division

- Familiarized with the Python code written by the team members in less than two weeks to be able to develop the code and understand the basic structure
- Designed and developed the autonomous architecture logic of the path mission in collaboration of 3 teams using Python for the 2018 RoboSub competition in San Diego, California
- Maintained communication with the Vision team, Embedded Software team and other necessary divisions to properly achieve the task assigned.

IEEE Computer Society – Member

January 2016 – Present

Captain of Web-Design Project

- Managed team of 4 students for the current creation and integration of resume data base of members and non-members of the IEEE Chapter of the University of Puerto Rico, Mayaguez Campus (UPRM)
- Researched for a more secure, stable and fast web-design architecture to develop an IEEE-Computer Society webpage

Education

Universidad de Puerto Rico Mayagüez Campus

EGD: June 2020

- Bachelor's in Science in Computer Engineering
- Expected Graduation Date: May 2020
- GPA 2.69/4.0

Non-technical and technical skills

- Basic knowledge in Java, Python and C Programming Languages
- Fluent in **English** and **Spanish**. Basic reading and writing knowledge in **German** language
- **Flexibility, adaptability, manage priorities**
- **Computer** and **technical** literacy
- Amateur in **Microsoft InfoPath** and **SharePoint Designer**
- **Good interpersonal** skills
- Knowledge in SQL, AngularJS, Angular, PostgreSQL and Firebase Cloud Store

