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| Summary | Computer engineer. Fully bilingual (Spanish-English). Fast learner and excellent problem solver. Experience in Software Engineering and Project leadership. I have experience in working with different operating system and platforms namely Windows, UNIX and Linux. |
| Experience | **Research Intern, University of New Hampshire - Physics Department** **Morse Hall, 8 College road, Durham NH, 03824 June 2015- July 2015**  Our tasks as interns was to create scripts to analyze various types of data given to us. We would develop scripts (mostly in python) to analyze, plot and manipulate the data in various formats such  as CDF, DAT and other formats. At the end of the internship I presented a poster with the results of the analysis. **CubeSat Project Web Programmer**~~,~~ **Space Engineering and Research Center, Universidad Del Turabo** **Universidad Del Turabo, Carr. 189, Km. 3.3. ,Gurabo Pr 00778 February 2015- May 2015**  My Task In The Project Was To Configure A Server To Store Data In A Database And Display To Other Participants Of The Project Through The Web. I Designed A Web Page To Connect To The Server And Provide A Login To The Participants Of The Project And Organize The Data By Satellite And Data Type.  **CubeSat Project Lead Programmer****Space Engineering and Research Center, Universidad del Turabo**  **Universidad del Turabo**, **Carr. 189, Km. 3.3. ,Gurabo PR 00778 February 2016- April 2016**   * Our task in the project was to configure a server and antennae to automatically receive data from a satellite, store it in a server, analyze and delete data that will not be used. We worked with the team that was in charge of managing the antennae to help us in connecting the computer that received the data to the server. My task was to work with the interface that would connect the two computers to pass the data and the database design and integration.   **Specialist I – Verification and validation, InfoTech Isabela**  **699 Industrial Avenue, Isabela, PR 00662** **June 2016- July 2016**   * My task was to test different systems and hardware to find flaws and fix them. If processes needed to be improved, we would work on that as well. We developed new processes or programs to optimize work as well.   **Software Assurance Intern** **NASA Glenn Research Center**  21000 Brookpark Rd, Cleveland, OH 44135 **August 2016- December 2016**   * My task in this internship was to assist the software assurance team to perform software audits, revise software assurance practices and develop software to aid software assurance engineer. In the internship assisted the development for a plugin for the JIRA platform to track the software assurance project.   **Web Development Intern** **NASA Glenn Research Center**  21000 Brookpark Rd, Cleveland, OH 44135 **January 2017- April 2017**   * The main task for this internship was to develop a voting web application with angular JS for human resources to nominate employees for awards and then rank and vote for the to win the award. We designed a Mongo data base of users and awards. Another project we worked on in the same stack was a travel tracking system for NASA which would log access request to accounts and compare that to travel requests.   **Associate professional programmer analyst** **DXC technology**  609, Industrial Ave, Isabela, 00662 **May 2017- Present**   * My job is to work on custom applications, primarily asp .Net. I am tasked with developing applications to fit the client needs, from web applications to mobile and desktop apps. Implementing databases such as MySQL and oracle. |
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| Education | **Universidad del Turabo**, Carr. 189, Km. 3.3, Gurabo PR 00778 Bachelor’s Degree in Computer Engineering (08/2011-05/2016)  GPA 3.22  Honor Program Member **Superior Vocacional Cidra**, Cidra PR High school diploma with electrical workshop (08/2008-05/2011)  GPA 3.32  Skills USA Member |
| Projects | **Capstone: Mobile Application for Learning Difficulties**  We developed a mobile application for Android and IOS to help children with learning difficulties. The application was based on a series of educational games that aided the children with their learning skills. The application would log their progress and determine the areas where the child would need more work.  **Web Applications Project: High School Web Page**  We developed a web application to display information about a school. The information displayed would be the information of the professors, grades and information about the school which would all be recovered from a MySQL database which stored all the information. |
| Leadership | ACM Recruiter September 2014 – May 2015  ACM Vice-President August 2015 – May 2016  IEEE Treasurer August 2015 – May 2016 |
| Skills & Abilities | * Programing Languages: C#, C++, C, Python, Java, JavaScript, HTML, CSS, .Net * Software: Mat lab, MySQL, Oracle, Multi Sim, Android Studio, Eclipse, Net Beans, MEAN stack, Visual studio * Operating System: UNIX, Linux, Windows |