

Oscar A. Pérez Cruz

PO Box 191253
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Skills Acquired

- Computer Skills:
 - Programming Languages: C, C++, C# & SQL
 - Proficient in Microsoft Word, Power Point, Excel & AutoCAD;
 - Basic understanding of PSpice, PostgreSQL, Oracle, HTML, CSS, JavaScript, Flash, VHSIC hardware description language (VHDL) and Assembly Language.
- Languages: Speak both Spanish & English.

Education

On going Bachelor Degree of Engineering in Computer Engineering May 2010
Polytechnic University of Puerto Rico
Current GPA: 3.384/4.0

Relevant experience

NASA Student Internship Program (SIP) Summer of 2007
Goddard Space Flight Center, Greenbelt, Maryland

Assist on the different projects doing:

- Research what would be the best equipment for a wireless transmission between different points and document it.
- Using AutoCAD to develop sketches of a machine for the engineers who were working on it
- Testing a radiometer within an unmanned aerial vehicle (UAV), as part of a team. Main duties were take the data during the test and analyze it.

Research in Math and Science (RAMS) Summer of 2009
Oak Ridge National Laboratory, Oak Ridge, Tennessee

Develop a system that can harvest meta data from geographic satellite images and store it on a spatiotemporal database. This database would then be index by spatiotemporal means for a faster and more efficient search through the database.

Academic Achievements

1st Place in the Math Group Competition on May 2007.

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3rd Place in the Math Single Competition on May 2007.

Seminars/Conference Attended

Presidential Classroom Science Week 2005
NASA Science Technology Conference 2007
Intel Diversity Scholar Summit 2008