

# Wilfredo Cruz Montañez

## Contact

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## Address

Altomonte 2N-89 19th Street, Caguas PR 00727

## Profile

**Objective** Seeking a Coop or Summer Internship position as a Computer Engineer majoring in Software that will allow me to demonstrate the knowledge and skills gained.

## Key Skills

Proficient or knowledgeable with a vast array of programming languages, concepts and technologies, including:

PHP, HTML, JSP  
JavaScript, Python

Java 5.0, C  
SQL Server, MySQL

Windows, UNIX  
Mac OS

## Education

**2004 to Present**

**B.S. in Computer Engineering**

**Graduation: May 2009**

University of Puerto Rico, Mayagüez Campus

Major GPA: 3.30/4.0

## Work Experience

### Institute for the Community Development Data Base

*Web Developer (PHP, MySQL, HTML)*

**Undergraduate Research**

**January to May 2007**

✓ Design and develop a web application that manages the Institute's administrative paperwork.

✓ A tool to organize the information of the volunteering students, the community's needs and the help they can assign to each community.

### WALSAIP – Visual Terrain Explorer

*Software Developer (Java, Eclipse, Python)*

**Undergraduate Research**

**August to December 2006**

✓ Developed modules that allowed an existing application to load files "On-Demand".

### Science on Wheels Program - [[www.sonw.uprm.edu](http://www.sonw.uprm.edu)]

*Web Designer (HTML, JavaScript, Photoshop)*

**Web Developer**

**January 2005 – Present**

✓ Developed the Science on Wheels website to promote the program and present new ideas.

### The Explorer Company - [[www.explorercompany.com](http://www.explorercompany.com)]

*Web Designer (HTML, PHP, MySQL, Java, JavaScript)*

**Web Developer**

**January 2005 to December 2006**

✓ Implemented a custom-coded blog on the specifications of our clients based on PHP and MySQL, flexible to fit the requirements that the website needs (On-line examples: [www.tepeu.org](http://www.tepeu.org) , [www.revisionpr.com](http://www.revisionpr.com)).

### IEEE Membership Center - [[ieee.ece.uprm.edu/membership](http://ieee.ece.uprm.edu/membership)]

*Multimedia Developer (HTML, JavaScript, PHP, JSP)*

**Web Developer**

**January 2005 to December 2005**

✓ Developed the online Membership Center Database.

✓ Developed the first online 'university audio' library in Mayagüez, dubbed 'IEEE Radio' containing educational programming as well as 'on-demand' presentations and workshops.

## Training

### 13<sup>th</sup> Annual SDSC Summer Institute – [[www.sdsc.edu](http://www.sdsc.edu)]

*Undergrad Research (Foltran, C++)*

**Summer Workshop**

**Summer 2007**

✓ Learned performance and stability issues regarding supercomputer, specifically Blue gene.

## Extracurricular Activities

**Institute of Electrical and Electronics Engineers (IEEE)**

**Student mentor for the Electrical and Computer Engineering Department incoming freshman class (2005 - Present)**

**Society of Electrical Engineers of Puerto Rico (SIEPR).**