

Yael M. Camacho Bonaparte

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- OBJECTIVE** A nuclear-related position that will use my intellectual knowledge and experience in computer technology and security.
- EDUCATION**
- 08/11-present Polytechnic University of Puerto Rico, San Juan, PR
Master of Science in Computer Engineering
Area of Interest: Internet Engineering
- 08/06-06/11 Polytechnic University of Puerto Rico, San Juan, PR
Bachelor of Science Degree in Computer Engineering
June 2011 GPA: 3.30/4.0 Overall 4.0/4.0 Major GPA
- SKILLS**
- *Network Security, Data Communication Network
 - *Computer Forensics, Reverse Engineering
 - *Basic experience in Java, PHP, HTML, Javascript, SQL
 - *Advanced experience in different programming languages, C, C#, C++
 - *Advanced experience in mathematics and computer courses
- RELATED EXPERIENCE**
- 05/12-present Oak Ridge National Laboratory, Knoxville, TN
Summer Internship
- Assisting in development of the Virtual Environment for Reactor Applications (VERA)
 - Suite of simulation tools under development by the Consortium for Advanced Simulation of Light Water Reactors (CASL)
- 08/11-present Polytechnic University of Puerto Rico, San Juan, PR
Teacher/Research Assistant
- Communication and Research Skills
- 05/11-08/11 Oak Ridge National Laboratory, Knoxville, TN
Summer Internship
- Preprocessing Climate Data for Access to Local Spatial Extremes
 - Multidimensional ultra-large data handling
- 05/10-08/10 Artic Region Supercomputing Center, Fairbanks, AK
Summer Internship with the Department of Defense (DoD)
- GPU acceleration programming
 - Gained research experience
- 05/09-08/09 Oak Ridge National Laboratory, Knoxville, TN
Summer Internship
- Detecting Anomalies for High Performance Computing Resilience

- Research paper published at the 2nd International Conference on Computer and Automation Engineering (ICCAE), Singapore, February 2010
- Gained research and team work experience

OTHER

EXPERIENCE

11/06 –05/11

“Centro de Progreso Universitario”, Polytechnic University, San Juan, PR
Tutor

- Tutor students in subjects including basic and intermediate mathematics; and basic, intermediate, advanced computer programming languages.

ACTIVITIES

College Graduate

Nuclear Education Fellowship Program (NEFP)

Staff Member

2011 International Conference on Measurement and Control Engineering

2011 International Conference on Computer Engineering & Management

2011 International Conference on Software and Intelligent Information

Reviewer

International Conference on Machine Learning and Applications 2011

College Undergraduate

Relay for Life

Problem Based Learning

4MAT in the Classroom

EQ & IQ Integration “effectiveness in Life & Work”

High School

Student Government

First-year student retreat leader

References Available Upon Request