

CV

Name: Omar Cruz Pantoja

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Education: University of Puerto Rico-Rio Piedras Campus, 2014-current, Computer Science and Math Bachelors, 3.82 Cumulative GPA

Research Interests: Machine learning, Artificial Intelligence, Computer Vision, Graphics (Visualization)

Academic Fellowships, Scholarships and awards

2015-Present: **Claude Shannon Scholarship**

University of Puerto Rico-Rio Piedras Campus, Math and Computer Science department

2015-Present: **Honor Roll**

University of Puerto Rico-Rio Piedras Campus. Natural Sciences Faculty

Recent Research Experience

2015-current: **Research Undergraduate at the University of Puerto Rico, Rio Piedras Campus:**

-Research in Machine Learning Acoustics

-Part of Carlos Corrada research students, mainly focusing on the development of Algorithms to detect animal species using audio information.

Work Experience related to major

2017: **Web App development with ASP.NET with the company VariantPR**

-Development of an app for displaying images in random coherently generated form.

-Uses JS for front-end interactivity, ASP.NET for back-end development

Summer 2016: **Internship in Los Alamos National Laboratory at New Mexico**

-Designed a web interface for a data analysis tool. Worked on both server and client side of the Web App using Django framework.

Skills/Knowledge

Personal Skills:

Bilingual speaker and writer(Spanish-Mother Language, English), can work well under pressure and friendly.

Computer Knowledge

Currently Learning languages: R, C#, Visual Basic

Learned but not mastered: JS, PHP, SQL, HTML

Preferred Languages: C++, Python