

# WALESKA ECHEVARRIA MENDEZ

## OBJECTIVE

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TO OBTAIN A RESEARCH OR INTER POSITION IN CIVIL ENGINEERING WHERE I CAN UTILIZE MY ACADEMIC KNOWLEDGE AND PRACTICAL EXPERIENCE

## EDUCATION

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University of Puerto Rico; Mayagüez Campus  
*B.S., Civil Engineering*

- **G.P.A.: 3.55**
- Expected **Graduation date May 2007.**

## EXPERIENCE

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*Human Arthritis and Body Pain Project* Summer 2004 UPR Mayagüez, P.R.

- Researched causes of different types of arthritis
- Studied composition and Behavior of joint articular cartilage

*Design of Oscillating link Project* Spring 2004 UPR Mayagüez, P.R.

- Design a motorized mechanism to move a bar
- Applied mathematical concepts to develop the design

*Artificial Heart Valves project* Fall 2003 UPR Mayagüez, P.R.

- Studied different types of biomaterials used in artificial heart valves
- Evaluated biocompatibility of biomaterials with the human body

*Premature Damage to the Roads in Puerto Rico* Spring 2002 UPR Mayagüez, P.R.

- Identified civil engineering problem in environment
- Developed efficient and economical solutions

## SKILLS

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Technical skills: Microsoft Excel, \*Microsoft Visual Basic, \*Math lab, \*Fortran, \*Auto Cad

Personals skills: Written Communication, \*Languages (Spanish/English), \*Team Work Orientation, \*Art Performance (Drawing, Paint)

Activities and Honors: Active member of the ASCE , AGC and Golden Key

Associations, \*Honor student of Civil Engineer Department, \*Winner of Robert C. Byrd Scholarship, \*Graduated from CABA, School of Arts Aguadilla, P.R.

#### ACTIVITIES AND HONORS

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Active member of the ASCE and AGC Associations

Student of honor of the Civil Engineer Department

Graduated from CABA, School of Arts Aguadilla, P.R.

Winner of Robert C. Byrd scholarship

#### REFERENCES

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Available upon Request.