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Undergraduate Research Program

Project Name	Computer Science - Wireless communications - Radio propagation modelling for broadcasting
Campus & Location in Mexico	Ciudad de México
Faculty	Engineering and Sciences
Research Area	SOCIAL ROBOTICS AND SIGNAL PROCESING
Research Responsible	EDGAR OMAR LOPEZ CAUDANA
Description of the Project	We discuss and establish the opening towards humanoid robotic systems in several scenarios: elementary school children, as well as health professionals, getting acceptance due not only for the technological advancement but also for different social aspects. These considerations influence the results obtained and experiences achieved. At the same time, this project shows how humanoid robotics has functioned as a tool for final projects of undergraduate students or other applications.
Training Provided	PROGRAMMING AND SOCIAL COMMITMENT

Offered during:

SUMMER WINTER SEMESTER

Student

Tasks/Responsibilities	Generate and help to establish a scenario for the implementation of a robotics platform for education or health by virtue of a social change.
Required Language Proficiency	English
Required Skills and Abilities	General programming ability, willingness to learn, commitment and interest in social impact
Other Documents	<ol style="list-style-type: none"> 1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript 4) 2 letters of recommendation of faculty members 5) Resume 6) Letter of intention explaining the reason why you would like to participate in the research program