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### Undergraduate Research Program

<b>Project Name</b>	Computer Science - Wireless communications - Radio propagation modelling for broadcasting
<b>Campus &amp; Location in Mexico</b>	Ciudad de México
<b>Faculty</b>	Engineering and Sciences
<b>Research Area</b>	SOCIAL ROBOTICS AND SIGNAL PROCESING
<b>Research Responsible</b>	EDGAR OMAR LOPEZ CAUDANA
<b>Description of the Project</b>	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.
<b>Training Provided</b>	PROGRAMMING AND SOCIAL COMMITMENT

### Offered during:

SUMMER

☐

WINTER

☐

SEMESTER

☒

### Student

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