

## ADAPT Undergraduate Students as Researchers Programme

<b>Institution/Team:</b>	Education and Public Engagement at ADAPT Centre, Dublin City University	
<b>Project Title:</b>	Developing an Online Platform for AILO	
<b>Suitable for students who are studying in the following areas:</b>	Suitable for students studying computer science, web development, database technologies.	
<b>Skills needed:</b>	<p>A strong set of general Web Development skills is needed for this internship such as:</p> <p>HTML CSS Javascript PHP Website Deployment and Configuration Database Technologies (e.g. MySQL, Maria...) Character Encoding (e.g. UTF-8)</p> <ul style="list-style-type: none"> <li>- Integrating written language scripts from little-known languages from around the world e.g. á, ž, ő</li> </ul> <p>Communication and team-working skills are also key for this internship.</p>	
<b>Project Description:</b>	<p>The intern will design and develop an online platform to be used for Preliminary Round of the ADAPT Centre's All Ireland Linguistics Olympiad (AILO). AILO is a nation-wide problem-solving competition for secondary school students.</p> <p>At present, students sit a 5-question written paper e.g.: Paper <a href="https://ailo.adaptcentre.ie/wp-content/uploads/2018/09/AILO-Round-1-2018-Question-booklet-FINAL.pdf">https://ailo.adaptcentre.ie/wp-content/uploads/2018/09/AILO-Round-1-2018-Question-booklet-FINAL.pdf</a> Answer book: <a href="https://ailo.adaptcentre.ie/wp-content/uploads/2018/09/AILO-Round-1-2018-Answer-booklet-FINAL.pdf">https://ailo.adaptcentre.ie/wp-content/uploads/2018/09/AILO-Round-1-2018-Answer-booklet-FINAL.pdf</a></p> <p>Students have to write answers in a mixture of English and the language of the puzzle. With over 1400 students competing every year, we want to investigate how we can develop an online platform that students could log into for 2 hours securely to do the Preliminary Round.</p> <p>This is an 8-week paid internship based at DCU School of Computing, Dublin 9. Start date is ideally early June 2019.</p>	
<b>The Role of the student &amp; benefits gained from participation in this project:<sup>1</sup></b>	<p>The ideal candidate will demonstrate a proactive approach to their work and will have ample opportunity to contribute their own ideas and suggestions for how a platform should work.</p> <p>This is an exciting role for a self-starter who is seeking hands-on experience with one of Ireland's leading research centres. The ideal candidate will have an interest in public-facing technology and user interaction.</p>	
<b>Who will be working with you?</b>	The intern will be working closely with Dr. Cara Greene, Research Outreach Coordinator for ADAPT. The intern will have the opportunity to engage with linguistics Olympiads around the world to discuss methods for implementing their online rounds e.g. North America have an online round <a href="http://nacloweb.org/index.php">http://nacloweb.org/index.php</a>	
<b>Short description of the group:</b>	The intern will also have the opportunity to work with Ms. Laura Grehan (Education and Public Engagement Manager).	
<b>Recommended Reading Material:</b>	<a href="http://www.adaptcentre.ie">www.adaptcentre.ie</a> <a href="https://ailo.adaptcentre.ie/">https://ailo.adaptcentre.ie/</a> <a href="http://nacloweb.org/index.php">http://nacloweb.org/index.php</a> (North American Online Round)	
<b>Other information:</b>		
<b>For further details on</b>	<b>Name:</b>	<b>Dr Cara Greene</b>

<sup>1</sup> This is an initial description of the role of the student and it is liable to change following discussions between the investigators and the student.

<b><i>this project please contact:</i></b>	<b>Phone:</b> <b>E-Mail:</b> <b>Website:</b>	<b>01 700 6795</b> <a href="mailto:cara.greene@adaptcentre.ie">cara.greene@adaptcentre.ie</a> <a href="https://ailo.adaptcentre.ie/">https://ailo.adaptcentre.ie/</a>
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