

## CGU Stella Junior 2021

*Mobility and training programme for students*

### PLACEMENT OFFER UDEM01J

#### INFORMATION OF HOST UNIVERSITY

<b>Name of institution</b>	University of Monterrey.
<b>Address</b>	Av. Morones Prieto 45000 Pte. San Pedro Garza García. Nuevo León. México CP 66238.
<b>Telephone</b>	+528182151000
<b>Web</b>	<a href="http://www.udem.edu.mx">www.udem.edu.mx</a>
<b>Short description</b>	University of Monterrey, also known as UDEM, is a non-profit private university of catholic inspiration. It is located in Monterrey, Nuevo Leon, one of the 3 most prominent cities in Mexico. It offers personalized, high-quality education of academic excellence and humanistic essence in a transformative environment.

#### INFORMATION OF PLACEMENT OFFER

<b>Mobility</b>	In-person.
<b>Department</b>	Department of Engineering.
<b>Description of activities</b>	Working actively in the research and development of school bus routing problems applied to the New Normal dynamics.
<b>Working languages</b>	Either, English or Spanish.
<b>Working place</b>	University of Monterrey.
<b>Mobility period</b>	To be agreed with the candidate. Preferably in Summer, but it is open.
<b>Length</b>	2-4 months.
<b>Daily working hours</b>	6-8 hours.
<b>No. of offered placements</b>	2.
<b>Supplementary contribution</b>	<ul style="list-style-type: none"> <li>• Airport pickup and delivery.</li> <li>• Potential partial support for food (pending approval).</li> </ul>

#### CURRICULAR PROFILE OF CANDIDATE

<b>Required experience</b>	Experience in practical optimization modelling.
<b>Required skills</b>	<ul style="list-style-type: none"> <li>• Programming skills (Python, R);</li> <li>• Optimization software (e.g. GAMS);</li> <li>• Oral and writing communication skills;</li> <li>• Self-management;</li> <li>• Logical reasoning;</li> <li>• Commitment;</li> <li>• Discipline.</li> </ul>
<b>Academic title</b>	<ul style="list-style-type: none"> <li>• Degree.</li> </ul>