

Xerox Research Center Europe
6 Chemin de Maupertuis
38242 Meylan France

www.xrce.xerox.com

Tel: +33 (0)4 76 61 50 50
Fax +33 (0)4 76 61 50 99

Evaluating and comparing multi-provider trip planner solution sets

Duration: 5-6 months

Description

As smart-cities become a reality, multi-modal trip planning has known a wide interest in the literature in the past few years. A traveler expects smarter trip plans, more tailored to his needs. One of the challenges is providing the most relevant solutions, for this evaluation of different approaches must be done.

The aim of this internship is to study and choose different methods of evaluation of the quality of solutions. The work will include bibliography, comparing models and strategies and will be done in the Trip Planner Team.

Requirements

As part of the 2nd year of your Master Degree, or final year of your Engineering School, you are looking for an internship lasting 5 or 6 months. Ideally, your diploma has a major in computer science and/or applied mathematics with some courses on operational research topics and/or machine learning.

As a prototype is to be implemented working knowledge of Python is a plus and the candidate must be autonomous and motivated by optimization, innovation and research.