

## POSITION

# Scientific Research Engineer

### Description

Aimsun is opening a position for a Scientific Research Engineer in European funded projects, reporting to the Head of Research projects. The candidate will be responsible for the overall technical lead and management support of research funded projects in transport and traffic domain and / or will also actively contribute to the preparation of other project proposals. The ideal candidate will have a PhD in Engineering (Transportation), OR, Mathematics or CS and prior experience (academic or commercial) working on research funded projects or on development and implementation of the new concepts in traffic and transport domain.

Excellent fluency in written and spoken English is expected.

The ability to relocate to Barcelona and willingness to learn Spanish are highly valued.

### Essential Skills

- Experience in research and development of new concepts and models, and ideally have experience in traffic and transport domain;
- Prior experience with project administration, management or projects proposal writing (research funded projects are an advantage);
- Expertise in developing and prototyping new concepts and models for simulation software and platforms;
- Strong communication (both written and oral) skills for preparation and presentation of technical reports, and internal relations with project stakeholders;
- Fluency in professional written and spoken English;
- Ability to relocate to Barcelona and willingness to learn Spanish;
- Willingness to travel.

### Minimum Requirements

- MSc in Computer Science, Mathematical or Operations Research or a relevant branch of Engineering
- European citizen or Spanish work permit

### Highly Desired

- PhD in Computer Science, Applied Mathematics, Engineering (Transportation)
- Strong coding skills in C++
- Knowledge of European and national research funding programs
- Strong interpersonal skills
- Excellent written and verbal communication skills
- Fluency in Spanish