EASYMILE

R&D Engineer - Comparative Study of Localization Methods in Simulation vs. Vehicle - Stage Toulouse

21 Boulevard de la marquette, Hall B 3ème étage, Toulouse, 31000

Internship | 36 month(s) | Education: Not specified | Experience: Not specified

Who are they?

EasyMile is a leader in software and complete solutions for driverless goods and passenger transport, and the number one provider of autonomous shuttles in the world. It partners with blue-chip manufacturers to autonomize their vehicles with award-winning technology built on safety-by-design, ready for deployment today, with clear client benefits.

Since 2014, the company has become known for quality delivery and real-world deployments. EasyMile's proven technology has driven autonomously in 300+ locations in more than 30 countries, over 1, 000,000km.

Apply | Save

first to deploy fully driverless at Level 4 of autonomous driving and had the highest number of remotely supervised operations (10+) on the market to date. It is also the first autonomous vehicle solutions provider to be ISO 9001:2015 certified.

EasyMile has over 280 employees in four locations (Toulouse, Berlin, Denver and Singapore).

We are looking for highly motivated people to build the road ahead and invent solutions to challenges never met before. Beyond excellent technical skills, we are looking for the right attitude: ambition, creativity and perseverance. Highlighting strong values such as innovation, passion, excellence, trust and team spirit, EasyMile's team keeps pushing boundaries to invent the future of mobility.

Benefits

- An ambitious and meaningful mission
- "Tickets restaurant" Swile, "mutuelle familiale", eco-mobility allowance
- Brand new offices, close to the city center and public transportation
- Free coffee/tea and fresh fruits, free breakfast every Friday
- Teambuilding and corporate events
- Many occasions to meet your colleagues: EZtalks to share your passions, sport, games...
- A proactive "CSE"
- Choice between MacBook or PC (depending on your position)

Be part of the autonomous future, today!

Discover EasyMile | Let's go!

EasyMile

From 250 to 2,000 employees

Shipping and Ground Transport, Mobility

View profile | See all jobs

YEAR OF FOUNDING	EMPLOYEES
2014	250

GENDER BREAKDOWN: 25% ♂ 75% ♀

AVERAGE AGE: 34 years old

Back to results

Who are they? | Job description | Preferred experience | Recruitment process

EASYMILE

R&D Engineer - Comparative Study of Localization Methods in Simulation vs. Vehicle - Stage Toulouse

21 Boulevard de la marquette, Hall B 3ème étage, Toulouse, 31000

Internship | 36 month(s) | Education: Not specified | Experience: Not specified

Who are they?

EasyMile is a leader in software and complete solutions for driverless goods and passenger transport, and the number one provider of autonomous shuttles in the world. It partners with blue-chip manufacturers to autonomize their vehicles with award-winning technology built on safety-by-design, ready for deployment today, with clear client benefits.

Since 2014, the company has become known for quality delivery and real-world deployments. EasyMile's proven technology has driven autonomously in 300+ locations in more than 30 countries, over 1, 000,000km.

With several mass operations around the world, EasyMile was the first to deploy fully driverless at Level 4 of autonomous driving and had the highest number of remotely supervised operations (10+) on the market to date. It is also the first autonomous vehicle solutions provider to be ISO 9001:2015 certified.

EasyMile has over 280 employees in four locations (Toulouse, Berlin, Denver and Singapore).

[illegible] real behavior observed during vehicle operations.

Within the test means department, in collaboration with internship supervisors, you will:

- Learn how tests are performed on the vehicles in our test site (Francazal).
- Understand the simulation and automation means available within Easymile.
- Analyze and compare the performance of engineering-based localization methods in simulation and in real-world conditions.
- Identify the key factors contributing to differences between simulation and reality.
- Propose suitable models to replicate complex environments in simulation.
- Collaborate with our team of engineers to implement and test the proposed engineering models.
- Assess the impact of these models on the representativeness of simulations compared to reality.

Preferred experience

There is no typical profile at EasyMile, we all come from different backgrounds and that is what makes us strong! Don't hesitate to apply if you are motivated and interested in innovative transportation and technologies.

We are looking for:

- Final-year master's engineering degree student, preferably with a specialization in Mechatronics, Physical Measurements, Electronics or Automotive
- Analysis capacity and critical thinking
- Able to work independently and proactive
- Inventive/Creative, Curious and Fast-learner

Desirable:

- Knowledge of data acquisition systems is a plus
- Knowledge of ROS (Robot Operating System) and SLAM (Simultaneous Localization and Mapping) is a plus
- Theoretical knowledge of sensor, such as lidars, inertial measurement units, etc.
- High degree of autonomy, initiative, and the ability to work proactively.
- Capacity to work independently while collaborating effectively within a team.

Recruitment process

- 30 minutes call with a recruitment officer
- Meeting with the team, technical tests
- One hour interview with the tutor and a recruitment officer

EASYMILE

Interested in this job?

Apply | Save

SHARE THIS JOB

Back to results

QUESTIONS AND ANSWERS ABOUT THE JOB

- Is it mandatory to attach a resume?
- Does this position allow remote work?
- What type of contract is offered for this position?
- Is a cover letter mandatory to apply for this position?

Other Research / R&D jobs

These job openings might interest you!

LOFT ORBITAL | 28 days ago

Thermal Engineer (Tools Development) - Internship

Toulouse

Internship | Hybrid remote

Apply | Save