

Job Title

Internship in Operations Research – Improvements on the recovery optimizer for Flight Operations Control

About the Team

Are you passionate about operations research? Do you enjoy working in a self-organized team? Do you want to solve real world problems with your algorithms? Join Amadeus and our team!

As a travel technology company, we build the critical solutions that travel players use to optimize their operations and improve the travel experience. We are involved in billions of travels a year, all over the world.

Our Schedule Recovery solution helps airlines optimizing the aircrafts allocated to their network when last minute events occurs, incorporating complex constraints such as crew availability, maintenance requirements for the aircrafts...

Your Main Responsibilities

As an operations research intern, you will join an Agile team building an innovative solver hands-in-hands with our flagship airline customer. Your responsibilities will be:

- Benchmark of our solver: you will have to understand the optimization problem, constraints et resolution, in order to challenge our current solution. You will have to conduct a benchmark between solvers, containing computation time, quality of the solution, etc.
- Take part of the development: you will take part in the development process: algorithm prototyping, development, definition of features.

About the ideal candidate

- Is pursuing master's degree studies with specialisation in optimisation, operations research, or computer science.
- Strong skills in english and the capability to work in a multicultural, global environment.
- A good communication, especially when sharing algorithmic choices to an expert and nonexpert audience.
- Knowledge/Interest in backend software development (Java would be a plus, but not mandatory), in agile methodologies

What we can offer you

Join in one of the world's top 10 software companies that never stops growing

- Impact millions of travellers from all around the globe by solving problems
- Constantly learn new skills and try new ideas with the best IT experts
- Be part of a multicultural team of 17,000 professionals and get the chance to master your English skills
- Blend in a great community of +200 international students and access a great place to network! Additional benefits include:
- Transportation reimbursement under specific conditions
- Super activities provided by the "company committee" (CSE) with discounts for ski resorts, spas, gym packages, concerts, cinema tickets and much more
- On-site sports clubs, equipment and showers for sports enthusiasts
- Support for relocation to Nice offices

Application process

If your application fits the mandatory requirements, you will have a prequalification call with the People & Culture department. If the interview is successful, your profile

will be pushed to our hiring managers who will be the next Amadeus representative to contact you.

Diversity & Inclusion

We are an Equal Opportunity Employer and seek to hire the best candidate regardless of age, beliefs, disability, ethnicity, gender or sexual orientation.