Think
ATM & Airports Consultancy

Airspace and Airport Modeller

1 Summary

Job Title   Graduate Consultant (staff)
Location   Bournemouth, UK

2 About Us

Think Research is an Air Traffic Management and Airports consultancy based in Bournemouth, UK.

We specialise in improving operational and regulatory performance of our clients. We apply a range of analytical and modelling techniques coupled with our expertise on present and future operations, technology and policy in the ATM and Airport domains.

We are a growing consultancy with ambitious growth plans. We have achieved strong growth through:

- High client retention
- High staff retention
- Exceptional track record of delivery

The input of our staff into the company, its direction and its growth are key to us and we offer:

- Competitive rates of pay
- Above average pension scheme
- 36 Days holiday (inclusive of UK Bank Holidays)
- Graduate scheme
- Tailored career development and performance reviews
- Targeted training and continuous coaching
- Generous Maternity & Paternity pay
- Company Sick Pay scheme
- Paid charity leave (up to a maximum of 5 working days)
- Flexible working options available
- Regular team social events
- 20% of company shares granted to staff allocated under employee share scheme

We are now looking for candidates to support the growth of our airport and airspace modelling team. As a consultant with us you will be involved in a variety of interesting projects for clients around the world, be expected to build and manage client relationships and maintain the standards that we expect on each assignment.

3 Background to the role

Think have been providing their expertise in Real Time (Human-In-The-Loop) Simulations since inception and have successfully delivered over 120 RTS for clients all over the world.

Our capability has since expanded into Fast Time Simulation using bespoke and industry standard simulation tools. Our success in this area has led to increased demand for both airside (airport landside and airspace) and airport (groundside and terminal) modellers. Whether using our in-house tools, or recognised platforms such as AirTOp and ArcPORT, our clients in the UK and beyond have recognised the value we bring to their projects and demand is increasing.

Our policy of growth uses a model of recruiting ambitious and talented young graduates and investing in them so that they can expediate their own growth and career development as well as our capabilities. A large percentage of our staff come to Think direct from University.

Graduate staff are expected to:

- Contribute to our project portfolio across all business area e.g. Airports, ATM
- Work with senior staff, coaches and mentors to identify an accelerated career development plan
- Show willingness to take on responsibility and client facing tasks from day one, with support from other members of the Think team
- Commit to the Think values of quality, delivery, innovation, trust, integrity and expertise

4 Required Competencies

As an Airspace and Airport Modelling Consultant, you should already have:

Technical Skills
- An understanding of the technical skills needed to do the job of an Airport and Airspace modeller effectively
- The ability to assimilate knowledge of industry specific tools, technologies and platforms
- The ability to understand a client's current operations, to model them using state-of-the-art software and to build future scenarios that demonstrate where performance can be improved
- Excellent report writing skills

Consultancy Skills:
- A positive, ambitious, adventurous and entrepreneurial outlook
- An understanding of the soft skills required to be a rounded consultant: Innovation, teamwork, communication, sales, marketing and initiative
- A willingness to participate in personal development of others and yourself
- A desire to solve complex problems
- The ability to manage demanding sub-tasks within projects
- Appreciation of the skills required to build strong and lasting relationships with customers

5 Suggested Profile

We appreciate that good people come from different backgrounds. For that reason, this job is more about the right person over an exact profile match. We therefore have some flexibility in our requirements and "ideal" candidate. The below are some typical requirements we might expect from anyone interested in this role

- At least a degree level qualification (2:1 or above) operational research, data science or similar discipline
- A strong academic track record
- Excellent communication skills and an ability to apply technical results to a non-technical audience

- The aptitude and attitude required to work in a small, growing consultancy
- Eligibility to work in the UK
- Ability to pass the UK security screening procedure will be considered advantageously

Experience or interest in any of the following is a distinct advantage:
- Mathematical modelling
- Simulation
- Big data, machine learning, AI
- ATM or Airport operations
- Experience in one or more programming languages

6 How to Apply

To apply for this position please send a cover letter expressing your reason for applying for the role and your CV to jobs@think.aero. Please also include the title of the position you are applying for within the email subject line.

We would expect candidates who are selected for interview to prepare and deliver a presentation on a topic of our choosing. We would expect new recruits to be able to be based at our office in Bournemouth.