

Aviation Analyst / Modeler

About Us

Airbiz is an international consultancy which provides strategic and planning advice to airports, airlines, design/construction firms, governments, and airport investors. We have offices in the United States, Canada, New Zealand, Australia, France, and the United Kingdom. Our team consists of airport and terminal planners, business analysts, aviation marketing specialists, project facilitators, modelling and simulation experts and creative strategists. We are renowned for our lateral thinking, which results in innovative and cost-effective outcomes. We have completed over 2,500 airport projects in over fifty countries world-wide.

Airbiz strives for a workplace that reflects the diversity of the communities we serve. We support employment equity and take measures to ensure fair employment practices and treatment of employees across our organization. We welcome applications from all qualified candidates as an equal opportunity employer which welcomes diverse, and inclusive workplaces.

Learn more about us at www.airbiz.aero

The Opportunity

We are seeking an Aviation Analyst / Modeler to join us in our Seattle, WA office. The successful candidate will use their analytical skills, working in collaboration with other Airbiz consultants on major airport projects throughout the world. Work will include preparing demand forecasts for passengers and aircraft movements, analyzing throughput of airfield, terminal, and landside facilities, evaluating aircraft and vehicle noise and emissions impacts, and performing financial analyses (such as net present value, return on investment, etc.) on airport infrastructure projects.

Essential Requirements

The ideal candidate:

- Must have an undergraduate degree in engineering, planning, architecture, mathematics, or similar numerate/analytical disciplines.
- Has excellent numerate and analytical skills and can use these skills to solve complex problems.
- Can use Microsoft Excel at an advanced level.
- Is self-motivated, requiring minimal supervision, accountable and willing to take on responsibilities within a team environment.
- Is comfortable working with a global team across time zones.

- Has exemplary time management, organizational skills to prioritize work and meet deadlines.
- Has excellent written and oral presentation skills.
- Has strong research skills and ability to collate and concisely communicate key findings in written reports, slide decks, and in-person meetings.

Desirable Skills

The ideal candidate could also have:

- Experience with, and interest in, airport planning and development.
- Experience using airport modelling and simulation experience using such products as CAST, AirTOP, TAAM, AEDT, AviPLAN, SIMMOD, or similar.
- Experience using data visualization tools such as PowerBI, ArcGIS, Tableau, or similar.
- Experience using airport planning and graphics tools such as Autodesk, Sketchup, Lumion, or similar.
- The ability to program in SQL, Python and/or VBA.
- Experience working in a project-based environment with teams and/or stakeholders.

Location & Compensation

- This position is located in Seattle WA.
- Periodic travel (domestic and international) may be required.
- We compensate competitively, commensurate with experience and qualifications and provide a benefits package, annual salary bonus, and flexible work arrangements.

Mentorship and Professional Development

- We are committed to helping you grow as part of our team and will work with you to develop a professional development and mentorship plan. We offer a unique opportunity to work directly with senior Airbiz staff, our clients, and our industry partners to growth your network and skillsets.

Your application

Your application and resume should be forwarded to jobs@airbiz.aero with the words "Aviation Analyst/Modeler - USA" in the subject line. Your application should address how you meet the essential requirements and any of the desirable skills of the position.

Only applicants with the right to work permanently in the USA should apply for this position.