



For more information see:
<http://www.mosaicatm.com>

Data Analyst

Mosaic ATM, one of The Washington Post's 2022 Top Workplaces in the Washington, D.C. area, is seeking one talented, full-time Data Analyst to add to our great team. We're looking for someone who's passionate about their job and just as passionate about being part of a great team of analysts.

Do you want to be part of a team that works together to develop new concepts and prototypes for air traffic management applications? Do you like working with other analysis professionals to design complex systems? Do you enjoy understanding the data that drives systems? If so, read on...

What you'll be doing:

- Analysis of aviation systems and their data requirements and exchange patterns.
- Development of conceptual, logical, and physical models to capture specific data domains within aviation systems.
- Analysis of complex aviation operations using data mining techniques to identify deficiencies, trends, or other operationally impactful metrics.
- Some systems engineering, including shortfalls identification, concept development, and requirements generation.
- Some software system analysis, testing, and documentation.

What you'll need to bring to this job:

- Bachelor's Degree in Mathematics, Engineering, Computer Science, Systems Engineering, or a related field
- Have at least three (3) years of experience with data analysis on complex systems.
- Experience in industry-standard data analysis tools, such as Python, R, and Microsoft Excel, SQL, and Matlab
- Ability to learn new domains, technologies, and operations in a timely manner
- Willingness to work on multiple projects at the same time.
- Exceptional communication skills, both verbal and written, of complex analysis efforts.
- Responsible, self-motivated, and innovative
- U.S. citizen or otherwise fully authorized to work in the U.S.

Bonus Points:

- Experience with FAA systems, the National Airspace System (NAS) Architecture, and NextGen.
- Aviation experience as a pilot, traffic manager, or air traffic controller.
- Familiarity with the FAA's Acquisition Management System (AMS) and the documents required for each decision point.
- Experience with engineering analysis, including statistical methods and systems engineering.
- Experience with machine learning, artificial intelligence, or other data science techniques.



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- Experience in data modeling, to include Systems Modeling Language (SysML), Department of Defense Architecture Framework (DoDAF), and Business Process Model Notation (BPMN)

Here's what WE bring to the table:

Great people: Work with some of the best and brightest people in the industry

Awesome benefits: Standard benefits like health, dental, and vision insurance, 401k plan, and paid vacation, plus some unique stuff like paid overtime, local telecommuting, and profit sharing

Relaxed office environment: Relaxed atmosphere, jeans are the norm, flexible scheduling

Amazing company: Competitive salaries with annual compensation reviews, generous bonuses, good morale with fun teambuilding events

Company Overview

Mosaic ATM identifies and develops novel flight operations and traffic management concepts by successfully advancing concepts from research and development to create systems that benefit day-to-day NAS operations. Whether improving the capacity, efficiency, safety, security, and sustainability of air transportation, assisting commercial organizations, or applying machine learning and artificial intelligence to supporting DOD missions, Mosaic ATM can solve the most complex problems, no matter the industry or customer.

Mosaic ATM is an Equal Employment Opportunity/Affirmative Action Employer.