

## Job Announcement Data Engineer

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The National Fair Housing Alliance (NFHA) has an immediate opening for a Data Engineer to join the Tech Equity team. NFHA is the country's only national civil rights organization dedicated solely to eliminating all forms of housing and lending discrimination and ensuring equal opportunities for all people. Founded in 1988, NFHA is the trade association for private, nonprofit fair housing organizations. Our members also include agencies and individuals that support our mission. Through leadership, education and outreach, member services, public policy, community development, enforcement, homeownership, credit access, and tech equity initiatives, NFHA is dismantling longstanding barriers to equity, rooting out bias, and building diverse, inclusive, well-resourced communities. For more information about NFHA, visit [www.nationalfairhousing.org](http://www.nationalfairhousing.org)

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### Position Summary:

NFHA's Tech Equity team has a mandate to advance policies, educational resources, tools, and mechanisms for diminishing and ultimately eliminating bias in technologies used in the housing and mortgage lending sectors.

The Data Engineer will work on the Tech Equity team and may work cross-functionally with the enforcement team, policy team, data scientists, and application developers to build and implement data solutions that drive the operations of NFHA's Tech Equity Initiative objectives and overall goals.

**Salary range:** \$90,000 – \$140,000

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### Responsibilities:

- Develop, automate, and support scalable data pipelines and build new integrations to support increasing data volume.
  - Design and build data service APIs and expose data to end-users using (custom) visualization tools.
  - Ensure ingestion and delivery of data for upstream processing by data scientists and other decision makers.
  - Build resilient data pipelines and contribute to other internal development work.
  - Support the planning and implementation of data platform services, including configuration and needs assessment.
  - Design metrics and dashboards to monitor data processes and data quality.
  - Implement data masking and encrypt data at rest and in motion.
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### Preferred Qualifications:

- MSc degree in a technical field or equivalent experience
  - Experience with Agile Software Development methodologies
  - Experience with implementing and automating CI/CD pipelines, cloud DevOps, and scheduling tools such as Airflow
  - Experience writing software in one or more languages such as Python, R, JavaScript, Bash, Scala, Spark, Kubernetes, and Docker
  - Experience working in Linux environments
  - Demonstrated experience in data warehouse technical architectures, ETL/ELT, and reporting/analytic tools and environments
  - Container tools experience with Docker or Kubernetes
  - 2+ years of experience architecting and implementing big data solutions in cloud computing environments (Microsoft Azure stack preferred)
  - Project management experience
  - Commitment to civil rights, fairness, and justice
  - Excellent communication and interpersonal skills
  - Experience working in a startup is a plus
  - Ability to work independently
  - Ability to represent NFHA in a professional and exceptional manner
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### Application Process:

Salary is commensurate with experience, and health, vision, dental, and retirement benefit plans are provided. NFHA is an equal opportunity employer that values and encourages diversity in its workforce. Interested applicants should send a resume, sample project (if available), and cover letter to:

**Attn: Personnel** via email at [personnel@nationalfairhousing.org](mailto:personnel@nationalfairhousing.org). No telephone calls, please.

The position will remain open until filled.

**ONLY citizens or permanent residents of the United States of America should apply.**

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