EMPLOYMENT ANNOUNCEMENT

TITLE: INFORMATION TECHNOLOGY ARCHITECT 1

FUNCTIONAL TITLE: DATA SCIENTIST

STATUS: PERMANENT

BUREAU: INFORMATION TECHNOLOGY

LOCATION: LATHAM

SALARY GRADE (SG): SG25 ($96,336-$121,413)

We are seeking talented and motivated support staff to work with our attorneys in the State's law firm. The selected candidate will be part of a fast-paced office, gaining experience while providing public service on behalf of the State of New York. The [Attorney General](#) serves the public interest of all New Yorkers in matters affecting their daily lives, enforcing laws to protect consumers, tenants, patients, workers, investors, and charitable donors. The office coordinates statewide civil and criminal investigations, promoting economic and social justice, encouraging harm-reducing public health strategies, and preserving the state's environment.

Careers with the State offer multiple benefits, including **paid vacation leave (13+ days per year),** sick leave, **paid State holidays off, health insurance** including vision & dental, entry into the **NYS retirement** (pension) system, education and training, eligibility for public student loan forgiveness, and **job stability with promotional opportunities.** Workplace flexibilities include multiple options for employees, including **telecommuting** (up to two days per week) and alternative work schedules.

NON-COMPETITIVE QUALIFICATIONS

A bachelor's degree computer science, software engineering, IT or a related field and four (4) years of broad information technology (IT) experience, demonstrating a comprehensive understanding of software engineering, data engineering, database administration or other data-related specialty and its application within large-scale organizations.

- Three (3) years of experience building machine learning models and using programming languages (e.g. R/Python) for statistical analysis, preferably in a legal, public-sector, research, or policy-driven environment.

Substitutions:
Four years of specialized experience or an associate's degree and two years of specialized experience may substitute for the bachelor's degree.
Juris doctorate or master's degree may substitute for one year of specialized experience.
A Ph.D. may substitute for two years of specialized experience.

PREFERRED QUALIFICATIONS

- Knowledge of LLMs, transformers, or other generative AI architectures.
- Experience working with government, legal, or regulatory data sets.
- Familiarity with vector databases, embeddings, or advanced search techniques.
- Experience with Microsoft Azure, AWS, or other cloud-based AI platforms.
- Understanding of data governance frameworks and privacy standards (e.g., HIPAA, FOIL, FERPA).
- Experience translating data into actionable insights

DUTIES

Under the direction of the Manager Artificial Intelligence Solutions (Info Tech Architect 2), SG-27 the Information Technology Architect 1, SG-25, will serve as a Data Scientist within the Artificial Intelligence (AI) and Data Science Unit. This position will support applied artificial intelligence, machine learning, and advanced analytics initiatives. This role will primarily focus on machine learning and model implementation and analytics and insight generation.
Duties:

- Design/adopt and implement machine learning models to support legal operations, case analysis, investigative prioritization, and public services.
- Apply statistical methods, classification techniques, and potential natural language processing (NLP) to structured and unstructured datasets.
- Develop and maintain code, modeling pipelines, and evaluation metrics for production-quality solutions.
- Contribute to the selection and evaluation of third-party and open-source models, including LLMs, for potential adoption by OAG.
- Analyze case, legal, and administrative datasets to uncover trends, anomalies, and opportunities for efficiency.
- Build dashboards, reports, and visualization tools that communicate results to technical and nontechnical audiences.
- Translate complex data findings into meaningful recommendations that support OAG programs and initiatives.
- Collaborate with team members across data science, engineering, architecture, and legal subject matter experts to co-develop or adopt models and data tools.
- Participate in user interviews, data discovery, and needs assessments to inform project scope and model design.
- Assist in integrating models into business processes and digital tools in partnership with IT and software development teams.
- Verify all models align with OAG's data governance, AI ethics, and privacy policies.
- Maintain model documentation, including training data sources, performance metrics, and limitations.
- Assist in identifying potential risks and recommending mitigation strategies related to bias, fairness, and transparency.
- Other duties as assigned.

HOURS
The agency's hours of operation are Monday through Friday, between 8:30 a.m. and 5:00 p.m. (37.5 hours/week). Scheduling determinations depend on the needs of each Bureau and will be communicated during interviews.

ADDITIONAL COMMENTS
For new State employees appointed to graded positions, the annual salary is the hiring rate (beginning of the Salary Range) of the position. Promotion salaries are calculated by the NYS Office of the State Comptroller (OSC) in accordance with NYS Civil Service Law, OSC Payroll rules and regulations, and negotiated union contracts.

The Office of the NYS Attorney General (OAG) cannot provide sponsorship for work authorization. Candidates need to be authorized to work in the United States to be employed by this agency. It is incumbent upon employees to maintain work authorization for the duration of their employment with the OAG. This agency does not participate in E-Verify for work authorization purposes.

HOW TO APPLY
In your submission, you must provide sufficient information to determine from your resume and/or cover letter that you meet the minimum qualifications stated above. If a certificate or degree is required to demonstrate that you meet the minimum qualifications, you must provide proof that you hold the required certificate or degree. To apply, please send your resume, cover letter, and a copy of your degree/transcript (if applicable) to HR.Recruitment@ag.ny.gov. Be sure to include the Vacancy # and Title of the position in the subject heading of your email.

Candidates from diverse backgrounds are encouraged to apply.
The OAG is an equal opportunity employer and is committed to workplace diversity.

Posted January 15, 2026