Hiring Manager Contact

Nicholas Gans
Director of Research and Development

linkedin.com/in/nicholas-gans

nicholas.gans@inca.digital

Company Info

Inca Digital (https://inca.digital/) is a Digital Asset Data and Intelligence Company started in 2018.

Inca serves clients across national security, intelligence, leading crypto exchanges, large financial institutions, regulators, and law enforcement. Public examples of some of our work:

- [DARPA taps Inca to map crypto contagion risk](#)
- [British Columbia hopes new software catches the next FTX](#)
- [CFTC Selects [Inca Digital Federal] as Winner of Agency's First Science Prize Competition](#)
- [U.S. Crypto Traders Evade Offshore Exchange Bans - WSJ](#)

Inca operates as a fast paced, nimble, global, and remote technology company. We leverage an asynchronous-first workflow, try to minimize time spent on meetings, and rely heavily on detailed documentation, atomic iterations, and open-debate. We don't track hours, or care where you work from, as long as timelines are being met and work is being delivered!

Work with and learn from some of the smartest people from all over the world with diverse industry backgrounds (such as intelligence, traditional finance, data engineering, IT security, math, biology/chemistry, and investigative journalism)

Inca Digital Federal LLC is a wholly owned subsidiary of Inca Digital Inc. responsible for all government contracting. The R&D Team is split with an internal firewall, where one half supports Inca's Federal work and the other half supports Inca's Commercial business.

Job Description

Work on the Research and Development (R&D) Team to help design and develop new data products and tools.

- Work with a Senior Data Engineer/Project Manager for work assignments, development timelines, code reviews, and technical training.

- Report to the head of R&D for prioritization, product design, and subject matter training.

The R&D Team consumes internal and external sources of data, processes it, stores it, analyzes it, and helps productize it (as APIs, dashboards, and alerts)

- In doing so, R&D interacts with Inca's various other teams, and touches products, investigations, research, and data which are directly used by Inca's clients.

- R&D is a small and highly collaborative team of engineers and scientists. Suggest solutions, propose changes, and offer your unique perspective.

R&D spans Inca's Federal and Commercial sides of work with an internal firewall. This position is for the U.S. Federal side.

- **Candidate must be an American citizen.**

- Security clearance is not required for this position, but is nice to have.

- Work on some of our highly interesting projects for clients across Defence, Intelligence, Regulation, Enforcement, Finance, Crypto, Academia, and more.

Credentials/Skills:

Required Skills and Experience

- Experience with source control tool sets (Git)

- Knowledge of CI/CD processes (GitHub Actions, AWSCode)

- Understanding of containerized environments (kubernetes/docker)

- Developing Batch ETL/ELT data pipelines

- Experience deploying and working with relational databases, and file storage

- Performing data acquisition from source databases and APIs

Comfortable with these programing/querying Languages

- Required: Python, SQL

- Nice to have: GraphQl, Java, Solidity, Vyper, Bitcoin Script, CIPHER, SPL (Splunk's Search Processing Language), GoLang

Beneficial Experience

- Experience interacting with data storage solutions: Amazon S3, RDS, Postgresql, MongoDB, Neo4j

- Experience with Kafka

- Building, testing, and training models

- Knowledge of cloud resource provisioning, configuration, and automation

- Familiarity with NLP techniques & data and/or blockchains & smart contracts