Job Description

Coding Analyst (Business Analysis, Python, Algorithms, ML)

Company:

Decode'm.ai is a robo-research firm that is building a platform that uses "Code+AI" to decode data for insights. We intend to stream machine generated insights to consumers. Visit https://www.decodem.ai/ to find more and also explore our auto generated reports on various sectors & technologies. Backed by founders with IIM, top notch consulting, product building & CEO experience, we have raised a seed round funding from an institutional VC.

Role Description:

We are looking for people who want to define the future of work. Business analysts armed with AI skills. We are looking for people with penchant for marrying business with technology. You are someone who's interested in deep analysis and in using some coding to bring use cases to life. If you come with one proficiency and a basic knowledge of the other we will train you. A passion for business analysis/ consulting and AI/ ML is what we seek to build powerful platforms that solve enterprise problems. We are keen on hiring someone who loves working with strong teams, in fast-paced and start-up environment, and looking to solve some challenging problems. You will in addition get terrific and unprecedented experience in writing algorithms for business problems.

Minimum qualifications:

- Degree/Masters or equivalent from reputed institutes in India/abroad
- Minimum of 1-2- years of past experience in research/business analysis
- Past background in consulting will be an added advantage

  AND/OR

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- Bachelors/Master's degree in Computer Science, or related technical field
- Minimum 2 years of professional work experience
- Full certificate from Udacity/ Coursera/ Udemy will also be considered
- Experience designing and implementing ML models and ML infrastructure
- Fluency in Python with advanced skills in (Pandas, NumPy, Scikit, Spacy, BeautifulSoup) and familiarity with (Pytorch/Keras)
- Worked in native python scripts and Jupyter Notebook environments
- Experience of taking python projects to production
- A high quality profile in at least one of these: Kaggle, GitHub, MOOCs, GSoC (Google Summer of Code) or similar, StackOverflow
- Basic familiarity with CI/CD practices and version-controlling (Git)

Preferred qualifications:

- Prior experience with solid projects in Natural Language Processing
- A good foundation in Deep Learning, with in-depth understanding of neural architectures and parameters
- Basic knowledge of descriptive and inferential statistics, linear algebra, calculus.

Responsibilities:

- Business Role (50%)
  - Content (Top Down)
    - Develop content strategy for the platform and participate in the associated user experience decisions
    - Basis content strategy, do deep dive research into each of the thematic areas and propose a user centric framework for product development
    - Conduct 'voice of customer' (VoC) calls to get feedback on these aspects and probe use cases
    - Research and identify diverse data sources that can be used in each of the thematic areas for data mining
    - Derive specific use cases with input data sources identified, and code basis algorithms, assist in creating output (infographic) visualizations
    - Monitor industry trends and news and communicate key insights and findings to the product team
  - Marketing support
    - Influencer marketing & promotion strategy support
    - Monitoring on social media channels and publishing content
- Technology Role (50%)
  - Code algorithms basis business analysis & run them for multiple use cases & projects
  - Gather and process raw data at scale (including writing scripts, web scraping, calling APIs, write SQL queries, writing applications, etc.), clean it and prepare for processing.
  - Design, develop, test, deploy, maintain and improve ML models/infrastructure and software that uses these models.
  - Quality check (both business & technical) of output insights and charts; create PowerPoint slides automatically or manually as per company formats
  - Run a template code multiple times to generate outputs and publish

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- o Ability to maintain and run Python code on Jupyter Notebooks
- o Manage individual project priorities, deadlines and deliverables.
- o Transition use cases into production environment
- o Work with other team members to roll out use cases/ product on the website & help maintain it

Soft skills:

- Ability to be flexible, bias for action, manage time well, self-motivated, start-up multi-tasking, organized, attention to detail, ability to take initiative and meet deadlines under minimal supervision, ability to work under pressure

Tech Skills:

- Python, Python libraries, Jupyter Notebook, Google Cloud Function, familiarity with various python libraries & visualization tools

Other aspects:

- Full time role, currently work from home, Bangalore/ Hyderabad preferred

If interested send your resume to info@decodem.ai with code **decodem-coding-analyst.**