

Brief company information

DataFarm (www.datafarm.co) is a member of the incubation programme (Incu-App) of the Hong Kong Science and Technology Parks (HKSTP). We are single-mindedly to thrive in the Data Annotation as a Service market in the region. Data annotation is essential to AI system development in two ways. It determines the intelligence of the system and accounts for around 79% of the development effort. Our quality-centric approach to data annotation is backed by our proprietary technology and well-trained remote workforce. Through our technology and platform, we can create job opportunities for location-bound (e.g. home-bound) workforce as well as disadvantaged communities (e.g. hearing-impaired) that are often challenged by mainstream work tasks. Our work can also facilitate repurposing people from mainstream work tasks to become a part of the digital community workforce. DataFarm also focuses on developing and deploying AI technologies in the domain of health, fitness, and rehabilitation. Envisaged use cases of our services include:

- 1) The provision of data annotation services to AI system developers, e.g. universities, research institutes, and corporates on their digital transformation journey.
- 2) AI fairness assessment that facilitates the debiasing of training data, AI algorithms, and predictions.
- 3) Provision of automated fitness coaching through pose tracking and performance assessment.

We are seeking like-minds to join us to perform research and development on our technology and incite a positive change to the community-at-large. If you are interested to master the skills in using Artificial Intelligence to process natural languages (i.e. English and Chinese), financial data for the purpose of performing prediction & forecasting, and to build software systems to support the development of AI systems, we would love to hear from you.

Title AI Engineer - Natural Language Processing (Chinese) x 2

Job description

- 1) To acquire a good understanding on the AI approach to Natural Language Processing (i.e. NLP).
- 2) To master the tools and software used for NLP.
- 3) To prepare text data for AI model development.
- 4) To build NLP models to process prepared text data.
- 5) To evaluate the performance of NLP models.
- 6) To perform model tuning to improve model performance.

Requirements

To perform effectively in this role, the candidate should be proficient in Python and comfortable with the use of AI tools. An interest to understand language syntax & semantics would be ideal.

Preferred major(s)

Computer Science, Data Science, Information Systems, Linguistics, Law, Management Sciences, Engineering

STEM-academic units	
(1) College of Business – Department of Information Systems	Yes
(2) College of Engineering	Yes
(3) College of Science	Yes
(4) School of Creative Media	
(5) School of Data Science	Yes
(6) School of Energy and Environment	

Software Engineer x 2

- 1) To acquire a good understanding on the AI approach to Natural Language Processing (i.e. NLP).
- 2) To master the functionalities provided in our text annotation platform.
- 3) To comprehend data captured in our text annotation platform.
- 4) To develop new features to be incorporated in our text annotation platform.
- 5) To perform testing on the new features.

To perform effectively in this role, the candidate should be proficient in one of the following programming languages: Python, PHP, Java, and JavaScript. Knowledge of Linux environment would be ideal.

Computer Science, Information Systems, Engineering

- Yes
- Yes
- Yes

AI Engineer - Financial Data x 2

- 1) To acquire a good understanding on the AI approach to financial data processing.
- 2) To master the tools and software used for prediction and forecasting.
- 3) To collect and prepare financial data for AI model development.
- 4) To build AI models to process prepared financial data.
- 5) To evaluate the performance of AI models.
- 6) To perform model tuning to improve model performance.

To perform effectively in this role, the candidate should be proficient in Python and an interest of data analytics & statistics would be ideal. Successful candidate will be exposed to industry grade AI data preparation, model evaluation, and model deployment tools.

Computer Science, Data Science, Information Systems, Economics, Finance, Management Sciences, Statistics, Engineering

- Yes
- Yes
- Yes

- Yes