

# G Talent

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## 【AI】 Data Scientist (Potential Manager)

**Flextime&RemoteWork/In-house Development**

### Job Information

#### Recruiter

G Talent at Bizmates, Inc.

#### Hiring Company

Development/Provision of Route Optimization Services for Last Mi

#### Job ID

1497739

#### Industry

Internet, Web Services

#### Job Type

Other

#### Location

Tokyo - 23 Wards

#### Salary

8.5 million yen ~ 20 million yen

#### Work Hours

Flextime

#### Refreshed

October 9th, 2024 15:45

### General Requirements

#### Minimum Experience Level

Over 3 years

#### Career Level

Mid Career

#### Minimum English Level

None

#### Minimum Japanese Level

Business Level

#### Minimum Education Level

High-School

#### Visa Status

Permission to work in Japan required

### Job Description

#### 【ABOUT THE COMPANY】

■"AI domain," which uses AI technology to optimize advertising operations to the ultimate level.

From R&D of AI in advertising to the implementation of products.

Specifically, development of products that use AI to automatically optimize bidding and allocation among media for managed advertising, and prediction and automatic generation of advertising creative (copy, banners, etc.) effects are some examples.

Offer unique products and technologies to the advertising industry, developed from full scratch from the AI engine to the application.

■"Marketing DX area" to create new value in the consumer interface market

Through the evolution of technology, the company seeks to create and provide new value as a "consumer interface market" by understanding the needs of individual consumers, including their life issues, family issues, and the social issues that lie behind these issues.

Based on the premise of developing and providing services necessary for consumers, engineers join with sales and marketing staff to design services, and conducts all in-house production, including the development of web applications, smartphone applications, LINE mini-applications, desktop applications, etc., as well as authentication infrastructure and library development across services, infrastructure construction, and maintenance and operation.

■"Media DX Domain": Realization of "AaaS," a next-generation model for the advertising media business

The Group is promoting innovation in the advertising domain under its "Advertising as a Service (AaaS)," a next-generation model for the advertising media business, as the DX of the advertising industry.

The Group aims to "transform advertising into a service" by moving away from the traditional business of selling "ad spaces" to a business that sells "effectiveness," the contribution to the advertiser's business, through the use of data, systems, algorithms, and human resources.

■"Information Systems Area" to promote the renewal of the Group's IT infrastructure and core systems

Responsible for the provision and maintenance of the IT environment, including the company group's business support, accounting, and other core systems, PCs used in business operations, smartphones, networks, and various communication tools, as well as the promotion of group IT governance, including information security measures. They are currently working with a sense of speed on the reforms that will support the growth of the group.

## [JOB DESCRIPTION]

### [Mission/Role of this position]

You will join the company as a potential manager of the AI research and development unit for natural language processing, computer vision, etc. You will first join us as a member, and in the near future, you will be responsible for managing the organization and its members to achieve results.

### [Overview]

(As a member of the team) Research the latest research papers, develop and implement PoC ideas, and define requirements.

Setting goals for members and the organization and maintaining them to achieve the set goals.

Formulation of AI technology strategy

Motivate and manage members (1 on 1, etc.)

Formulation of AI intellectual property strategy

Recruitment activities

### [Responsibilities]

Specifically, the AI R&D Department is engaged in the following tasks

Development of evaluation technology for advertising images and materials

Analysis of forecasting accuracy based on actual ad performance data for banner ads, etc., and proposals for model improvement Improvement of effectiveness estimation models based on improvement proposals

Expanding horizontally to multiple media

Development of advertising image and material generation technology Advertising

Develop technology to recommend materials that have the potential to increase effectiveness

Development of technology to generate ad materials from scratch or to add variations to existing materials Editing of ad images, optimization of placement, etc.

Development of ad text evaluation technology

Analysis of prediction accuracy based on ad text ad performance data, and proposals for model improvement

Improvement of effectiveness estimation models based on proposed improvements

Horizontal expansion to multiple media

Development of ad text generation technology

Development of ad text generation technology that suppresses hallucination and hyperbole

Improvement of fluency of generated sentences by scaling up the language model

Brush up language generation models based on performance data and practitioner feedback

### [Development Environment / Technology Stack, etc.]

Slack, Notion, JIRA, GitHub, AWS, Docker, Figma, Big Query, GUROBI

Development environment: Multiple NVIDIA DGX A100, High memory many-core CPU machines, Cloud GPU

Programming language: Python

Packages: PyTorch, Flax, JAX, T5, LongT5, numpy, onnx, numba, etc.

### [About the Organization]

●Organization Name / Team Name

Product Development Center AI Research and Development Dept.

●Organization Mission

Toward the realization of delightful advertisements

The company aims to expand the possibilities of marketing with technology centered on AI, and to increase the number of "moments that make society happy" by facilitating the connection between people and services.

●Organization Vision

Bringing emotion to advertisements through "technology x people", leading to innovation in the consideration, production, and delivery processes in marketing through the power of AI and applications.

●Organizational Values

Freedom, autonomy and cooperation

Respect for freedom of ideas, freedom of work and freedom of lifestyle

Respect the autonomy, initiative, and discipline of each individual to fulfill our professional mission.

Respect for teamwork and others in order to achieve results that contribute to society.

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**■Welfare**

- Commuting allowance (up to 150,000 yen)
- Best Place to Work (Remote work available)
- Remote environment allowance (5,000 yen/month)
- Secondary employment system is available
- Subsidies for books, certifications, etc.
- Company defined contribution pension plan
- Insurance: unemployment insurance, workers' accident compensation insurance, employee pension, and health insurance
- Original health care solution to be introduced for mental/stress checks

**■Holidays / Vavations**

- 125 days per year
- 2 days off per week (Sat. and Sun.), national holidays
- Year-end and New Year vacations (December 29-January 3)
- Paid leave
- Maximum of 30 days + 7 days of special leave (1 plastic leave per month)
- Granted from the date of hire/set individually depending on the month of hire
- Special vacation (free vacation twice a year: 5 consecutive working days off)
- Celebration or condolence leave, maternity/childcare leave, nursing care leave, other systems

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**Required Skills****[Required]**

Experience creating and applying criteria and frameworks to assess member skill sets  
Track record of using progress management tools (e.g., JIRA, Trello) to visualize project progress and achieve results on time  
Communication skills: experience implementing and applying tools and processes for information sharing and decision making within a team

2+ years of experience in leadership of R&D teams related to AI-related fields and a track record of publicly presenting and sharing the team's results

3+ years of experience in data science work, including image processing, natural language processing (NLP), and mathematical optimization, with quantifiable evidence of performance

Proven track record of managing multiple AI-related projects and achieving KPIs and goals

**[Preferred]**

Relevant knowledge of the online advertising and marketing industry

Budget management: examples of past projects that demonstrated budget attainment and efficient resource allocation

Experience in business strategy development and execution: ability to demonstrate quantifiable results from past projects and business performance

Familiarity with large scale computing (GPU)

Experience presenting at domestic and international AI-related conferences and workshops

Experience participating in data analysis competitions such as Kaggle (winning a prize is preferred)

Experience submitting papers to international conferences and English journals (accepted papers preferred)

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**Company Description**