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Biel Crystal (Hong Kong)

Manufactory Limited

(Senior) AI and Machine Learning Engineer

Ref: JN309738

Graduate Position

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Posting Date : **2025-02-25**

Closing Date : **2025-04-30**

\$ Salary Negotiable 👤 1 Vacancy 📍 China, Huizhou

Information of Recruitment Talk

Date : 28 Feb,2025

Time : 15:45 to 16:45

Venue : PolyU Campus QT201 (Global Student Hub)

Registration :

Registration :

Please register recruitment talk at <https://polyu.hk/UBsmS> by 26 Feb

Remarks: Please arrive 15 minutes prior to the talk

Please click [here](#) to view the Recruitment Talk Schedule.

About *Biel Crystal (Hong Kong) Manufactory Limited*

About Biel Crystal (HK) Manufactory Limited (BIEL):

Founded in 1989, is the largest smart device enclosure manufacturers in the world specializing in both design and mass production of various products, including but not limited to, smartphone, smart watch, tablet, laptop, desktop, and luxury watch. With its strong technical capability and effective production execution, Biel has partnerships with world leading brand phone companies on product development.

Currently there are over 100,000 employees working in Biel. Biel nurtures home-grown talent to join the force bringing technological industry to new heights. We treasure the importance of talent to a company that strives to make the world a better place with innovation and creativity. Our talent will be exposed to projects with world top business partners. They will receive training and and be coached by management with various business and technological background.

We welcome all dynamic, self-driven, energetic and talented candidates to join our family in continuous pursuit of managerial and technical excellence in a challenging and fast changing business environment.
Website : <https://www.bielcrystal.com>

Job Description

Job Highlights:

- **AI Applications in Smart Manufacturing:** Work on integrating AI technologies to enhance manufacturing processes, improve product quality, and optimize production efficiency.
- **Machine Learning Development:** Develop and implement machine learning models to predict maintenance needs, optimize production parameters, and enhance quality control.
- **Collaborative Innovation:** Collaborate with cross-functional teams, including R&D, production, and quality assurance, to integrate AI solutions throughout the product lifecycle.
- **Career Development Opportunities:** Receive structured training, mentorship, and exposure to large-scale manufacturing environments, preparing you to grow as an AI and Machine Learning expert in the field of smart manufacturing.

Working Location: Hui Zhou, Mainland China

Job Description:

1. **AI System Development:** Assist in the development and implementation of AI systems for manufacturing processes, ensuring efficiency and quality.
2. **Machine Learning Model Optimization:** Conduct testing and optimization of machine learning models to improve manufacturing processes and product quality.
3. **Research and Development:** Participate in the development and implementation of new AI technologies or processes to meet evolving product requirements.
4. **Problem-Solving and Troubleshooting:** Identify and address technical issues with AI systems, proposing and implementing effective solutions.
5. **Documentation and Reporting:** Prepare technical documentation, including test reports, operating procedures, and project updates.
6. **Cross-Functional Collaboration:** Work closely with R&D, production, and quality assurance teams to integrate AI solutions into the product lifecycle.
7. **Support Senior Engineers and manager:** Assist senior engineers in fulfilling project requirements and meeting development milestones.

Working Hour : Week: Monday – Friday, Time: 9:00 am – 6:00 pm

Skills & Requirements

Field of Study : **Computing, Data Science and Artificial Intelligence, Industrial and Systems Engineering, Mechanical Engineering**

Year of Study : **Final Year**

Education Level (pursuing / obtained) : **Master's Degree, Bachelor's Degree**

Spoken Languages : **English, Putonghua, Cantonese**

Written Languages : **English, Chinese**

Qualifications:

1. Bachelor's or Master's degree in Computer Science, AI, Machine Learning, or a related field.
2. Strong interest in AI and Machine Learning applications in manufacturing.
3. Familiarity with AI frameworks (e.g., TensorFlow, PyTorch) and programming languages (e.g., Python)
4. Excellent problem-solving skills and a proactive attitude.
5. Strong communication and teamwork abilities.
6. Prior internship or project experience in AI or Machine Learning is an advantage.

Application Methods

Please send your application to : Ms Shirley Chan, Senior HR Manager, HR Manager

 recruit@bielcrystal.com.hk

Please apply with:

- Resume
- Academic Transcripts

Nature of Business

- Engineering, Industrial, and Manufacturing

Job Nature

- Engineering -
Electronic/Industrial/Electrical/Mechanical/Others

Remarks

待遇:

1. 公司负责住宿/饮食

If you want to get professional career advice on your job applications, please register for Career Advising/Mock Interview session through [POSS](#).

Students should stay alert to employment traps. Please refer to the following webpages for advice on how to avoid falling into these traps.

- [A Guide for Students Seeking Summer Jobs](#)
 - [Beware of Employment Traps](#)
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