

[Nara/No transfers/Remote work/Innovative robot hand manufac

Job Information

Recruiter
United World Inc

Job ID
1546270

Industry
Machinery

Job Type
Permanent Full-time

Location
Nara Prefecture

Salary
7 million yen ~ 12 million yen

Refreshed
November 15th, 2026 09:00

General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

This position is available only for people residing in Japan.

[Company Profile]
・The company is working to realize a "robot hand that thinks with its fingertips" by providing a "proximity sensor" developed by Keisuke Koyama, Assistant Professor at Osaka University's Graduate School of Engineering Science. Their proximity sensor is capable of advanced simultaneous measurement of distance and angle, and has evolved to the point where it can recognize both glass and mirrors.

・Overview of proximity sensors:
Proximity is a way of perceiving objects that differs from both sight and touch, and is considered a "sense not found in humans" because it is perceived without seeing or touching the object. The proximity sensor enables recognition of the shape of objects, including blind spots, as well as mirrored and transparent materials, through a unique sensing technology that simultaneously measures the position and shape of the object. Combined with the company's proprietary high-speed, high-precision AI technology, it enables flexible pickup according to the job site, which was considered difficult with conventional industrial robots, and also facilitates reduction of teaching burden.

[Background of recruitment]
・Due to business expansion

[Attractive points of company/work]
・In March 2024, the company closed its third round of funding, raising a total of 680 million yen including subsidies, and is moving toward mass production of proximity sensors and their introduction to society. We are looking for colleagues to join us at this time and accelerate the company's growth.
・The company has been selected for J-Startup KANSAI in 2023, won the JEITA Venture Award in 2024, the Robot Award Excellence Award in 2024, and was selected for Toyo Keizai's "Amazing Ventures 100" in 2024.

[Job description]
The company has already launched a product utilizing proximity sensor technology on July 31, 2023, and is now looking to improve the product and develop new products. You will be in charge of AI development, which is the core of this product, and contribute to the further growth of the company.

Required Skills

[Required]
- Knowledge and experience of AI and firmware
- Circuit design experience or ability to read circuit design diagrams
- Experience implementing AI in hardware

[Preferred]
- Experience developing edge AI
- Venture mindset
- Interest in cutting-edge technology

[Conditions]
Employment Type: Permanent
Trial period: 3months
Estimated annual income: ￥7~12M
Work location : Nara, Japan
Working hours: Flextime system (core time : 10:00-16:00) (break time : 12:00-13:00) (standard working hours : 8 hours)
Holidays: 2 days a week (Saturdays and Sundays), national holidays
Vacation: Summer vacation, year-end and New Year holidays, and other vacations available
Benefits: Complete social insurance, commuting allowance (according to company regulations), and other benefits

Company Description