**Company Background**

AI Guided Limited, a company incubated in Hong Kong Science Park. The main business is about developing high-tech and innovative computer platforms and portable devices for the visually impaired. Several latest technologies were introduced such as 3D digitalized vision for surrounding detection, real-time action for guidance, and machine learning & artificial intelligence (AI) algorithms for path planning and object identification. The ultimate goal of the invention is to fulfill the needs of guide dogs and white canes.

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**Company Background**

Algogene is a fintech company providing one-stop algorithmic trading solutions for institutions and market participants. Algogene provides various big data and AI tools to help clients investing in a more scientific and automatic way. As a startup company under NEST/MIIFLAB, Algogene will join young and passion team, with open and collaborative working environment and culture.

**Company Background**

Datax is a 4-year-old AI & blockchain startup with a team size of 20 energetic young talents. Datax is building a blockchain network where everyone contributes to and owns the project built with blockchain actuation for guidance, and machine learning & artificial intelligence (AI) algorithms for path planning and object identification. The ultimate goal of the invention is to fulfill the needs of guide dogs and white canes.

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**Job Description**

1. To develop a blockchain learning algorithm and program for "absolute" detection
2. To develop an intelligent algorithm for path planning using the "steerer" method
3. To develop and deploy the algorithms in mobile devices such as Android and/or iOS
4. To carry out on-site testing on the developed algorithms
5. To troubleshoot, debug and upgrade the existing software systems.

**Requirements**

- Proficient in Python
- Eager to learn and self-motivated
- Aware of recent AI/ML technology
- Familiar with REST-based APIs
- Familiar with software development tools such as Git and Docker
- Proficient in Linux Environment

**Company Background**

Eureka FinTech Limited (Eureka FinTech) aims to be a pioneer in providing innovative KYC (Know Your Customer) information including but not limited to blockchain actuation for guidance, and machine learning & artificial intelligence (AI) algorithms for path planning and object identification. The ultimate goal of the invention is to fulfill the needs of guide dogs and white canes.

**Job Description**

1. To research the manufacturing, electronics, and electrical components
2. To design and troubleshoot the RPi layout, circuit board, wire, and plugs
3. To test and repair components with test plan and test report according to the design specifications.
4. To present clear specifications, documents & drawings for new designs.
5. To support the assembly and R&D of technical modules.
6. To provide product testing and support service.

**Requirements**

- Proficient in Linux Environment
- Strong engineering realization ability, proficient in C++, Python, and other programming languages.
Eureka FinTech Limited

Nerv provides speech solutions for enterprises using ASR (Automatic Speech Recognition) technology. Its solutions include enterprise telephony systems, customer service benchmarking systems, and voice-enabled IoT devices. Their specialties are Cantonese, Mandarin, and English.

Nerv's team consists of scientists with PhD in computer science and the AI/ML field. Both thousands of hours of high-quality voice data, Nerv has built language models with high accuracy in speech recognition and intent classification, helping enterprises to excel in quality service management, expense control and marketing purposes.

Since 2017, Nerv's solutions have been widely adopted by a large number of clients from SMEs to Government, from educational institutions to online shops. The COVID-19 pandemic has severely disrupted certain supply chains. This platform is a useful information resource for identifying prospective new suppliers.

As a start-up company, Nerv's tech team is self-sufficient in developing services in a nimble and customized manner e.g. by developing capabilities to provide cross-border language services to clients across Asia.

Eureka FinTech Limited

Eureka FinTech Limited aims to differentiate itself by also providing services in a nimble and customized manner e.g. by developing capabilities to provide cross-border language services to clients across Asia.
SOCIF Limited

SOCIF Limited is a B2B technology startup specializing in AIoT-driven transport solutions such as bus-based busway Passenger Counting System working in partnership with... of vehicles, assisting in day transport and traffic planning, and serving millions of daily passengers.

RaSpect Intelligence Inspection Ltd

RaSpect is an AI deep tech company for smart city solution. We build patented safety monitoring of skyscrapers. Our solution dramatically increases the safety co-efficient and accuracy with lower costs. Our technology has been well-proven with numerous reputable landmark properties in Hong Kong while Hong Kong is the leading market in skyscrapers construction. The strong presence in Hong Kong market effectively implies a strong future success in the global market.

RaSpect's breakthrough technology has created exponential traction and growth in local and regional markets. The product portfolio offered by RaSpect is expanding beyond building façade inspection to building services monitoring and predictive maintenance in systems such as lifts, escalators, HVAC etc. RaSpect's mission is to create a safer, smarter and greener society through AI inspection, IoT sensing and maintenance in systems such as lifts, escalators, HVAC etc.

Software Developer

- Create, maintain and develop computer programs/software that meet the needs and requirements of clients.
- Design prototype applications, provide user interface and structure and help the application development teams or clients in the plans.
- Gather user requirements and perform basic analysis.
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Cloud Engineer

- Work closely with our engineering team to identify and implement the most optimal cloud-based solutions for the company.
- Define and document best practices and strategies regarding application development and infrastructure maintenance.
- Provide guidance and mentorship to development teams to build cloud services.
- Ensure application performance, uptime, and scale, maintaining high standards of code quality and thoughtful design.
- Manage cloud environments in accordance with company security guidelines.

Project Coordinator

- Coordinate internal resources and third parties, direct projects through to their completion.
- Manage project management system and related components for projects assigned.
- Provide insights and recommendations for process improvement.

Full-Time

- Experience working in client-facing copy decks is preferred.
- Ability to clearly and effectively communicate ideas and solutions to stakeholders using Microsoft Word, Powerpoint, Excel etc.
- Proficiency in UI/UX tools (Figma, Photoshop, Illustrator, InDesign, Flinto, etc).
- Strong visual design experience is a definite advantage.
- Excellent time management.

UX Designer

- Understand user needs and work with the team to develop concepts that meet business and strategic needs.
- Translate users requirements into screen flows, wireframes, mock-ups, and interactions that are simple, intuitive and user-friendly.
- Analyze current user journey to understand motivations, expose pain points, issues and improvement opportunities.
- Partner with developers and members of the creative team to create consistent user experience across different platforms.
- Assist in new business projects.
R2C2 Limited

R2C2 is a leading and fast-growing robotic company that focuses on outdoor robots, remote control and automation. R2C2’s products enable real-time communication, long-distance control, and automation for outdoor robots such as Boston Dynamics SPOT, DJI drones, and other outdoor robots for the construction and inspection industry.

The clients include the government, property developers, and universities. R2C2 has deployed six Boston Dynamics SPOT in Hong Kong for different usage in 2021 and expects to deploy more advanced robots. R2C2’s product line solutions are leading and the cutting edge in the industry.

Computer Vision Engineer/ AI Engineer Full-Time

- Write and review testable, scalable code that supports and enhances robot
- Design and architecture and software for robotic systems

As a Real-Time Video Streaming Engineer, you will be working on the camera
- Design, develop, implement and maintain web based systems with high
- Establish, monitor, and maintain CI/CD pipeline to automate software builds

Regtics Limited

Regtics Limited provides financial infrastructure with an analytics data-powered solution to ensure the compliance of international and local anti-money laundering (AML) and counter financing of terrorism regulations. The solution contains four main modules: transaction monitoring, customer due diligence, name screening and investigation tool.

Web Developer

- Write and review testable, scalable code that supports and enhances robot
- Design, develop, implement and maintain web based systems with high

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Software Engineer Full-Time

- Design and architecture and software for robotic systems
- Develop testing processes, and perform testing and validation of new designs
- Establish, monitor, and maintain CI/CD pipeline to automate software builds
- Perform necessary tests to fulfill certificate requirements.

Web Developer

- Write and review testable, scalable code that supports and enhances robot
- Design, develop, implement and maintain web based systems with high

High3 Limited

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High3 Limited provides financial infrastructure with an analytics data-powered solution to ensure the compliance of international and local anti-money laundering (AML) and counter financing of terrorism regulations. The solution contains four main modules: transaction monitoring, customer due diligence, name screening and investigation tool.

Web Developer

- Write and review testable, scalable code that supports and enhances robot
- Design, develop, implement and maintain web based systems with high
Regtics Limited

Regtics Limited provides financial institutions with an eKYC and data-driven solution to ensure the compliance of international and local anti-money laundering (AML) and counter-financing of terrorism regulations. The solution contains four main modules: transaction warning, customer due diligence, name screening and investigation tools.

Technical Consultant

Full Time

1. Responsible for analyzing project development and implementation needs, analyzing the solution, conducting market research, and preparing relevant proposals.
2. Participate in project delivery, including solution customization, customer consultation, project planning, and delivery management.
3. Assist in planning and implementing projects, and work closely with project managers in order to provide practical guidance in the functional and technical aspects of proposed software and test project expectations to ensure customer satisfaction.

Degree in Computer Science, Statistics or related technical fields.

Experience in analytical projects is a plus.

Knowledge in OS (Windows / Linux), Database (Oracle / MySQL Server) is a plus.

Ability to write technical documents and user manuals.

Excellent problem-solving skills, ability to think out-of-the-box and work with little supervision.

Self-motivated and good team player.

Social contact with open and written English and Chinese.

Degree in Business, Science or related discipline.

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Neural Lab Limited

An AI solution provider that creates value for clients who are eager to use AI technology to improve their operations, Neural Lab helps clients set their AI strategy, identify AI use cases and implement solutions. In its earlier establishment in Hong Kong in 2019, Neural Lab also developed a deep neural network model to predict aircraft turnaround operation completion time. As a Hong Kong Science Park incubatee, Neural Lab proactively connects with universities, research institutes and other innovators to foster AI innovation and adoption together.

Data Analyst

Summer internship

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Process data and analyze trends using statistical techniques to generate valuable insights
- Understand project objectives and source valuable data sources that may add value to them
- Build databases, data collection tools, and analytical algorithms to achieve project objectives
- Perform quality checks, identify thematic data issues and ensure research data is of the highest quality
- Identify innovative ways to improve the accuracy and efficiency of our Auto-ML platform
- Create ML-friendly dataset for supervised training
- Handle project team’s analytical queries and provide adequate support as and when needed

- University degree in Data Science, Engineering, Computer Science, Mathematics, Statistics, Physics or a relevant field
- Some experience as a research analyst, business data analyst or equivalent field
- Technical expertise regarding data models, database design development, data mining and statistical techniques
- Preferred experience in data technology (e.g. NoSQL, Spark, Kafka, Hadoop, Tensorflow, Mongodb etc)
- Preferred AWS experience
- Proficient in Python, SQL and data scraping
- Experience in Media, Manufacturing, Financial Services and Transportation industry will be ideal
- Proven analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy
- Ability to communicate professionally, illustrate findings and compile presentation decks
- Strong passion in Startup environment

Please mention the Job Ref number(s) and send the CV to info@hongkongai.org if you are interested.