Internship Position: AI Engineering Intern

Company: Hitachi Digital Services

Location: onsite at Ho Chi Minh Head Office

Duration: [3-6 months]

Our company

Hitachi Digital Services is a global systems integrator. We are IT x OT x AI convergence practitioners with a trusted network of talent who power mission-critical platforms.

Our Vietnam Delivery Center has been present in Vietnam for over 25 years with 1100+ professionals.

We have a strong commitment to support IT students through internship and fresher programs in a professional environment, actively contributing to the development of high-quality IT human resources in Vietnam.

Position Overview

We are seeking motivated **AI Engineering Interns** to explore and apply the latest advancements in AI across various industrial sectors such as Asset Management, Transportation, and more. This role focuses on integrating Large Language Models (LLMs) into business workflows to drive innovation and deliver tangible business value. You will be involved in researching, developing, and implementing AI-driven solutions that optimize processes and enhance decision-making within industrial domains.

Key Responsibilities

- **Research & Exploration:**

  - Study the potential of AI, especially Large Language Models (LLMs), in solving real-world challenges in industries like Asset Management, Transportation, and Manufacturing.

  - Investigate how LLMs can enhance data processing, decision-making, and operational workflows within industrial applications.

- **Solution Development & Integration:**

  - Collaborate with industry experts to understand existing business processes and workflows.

  - Develop AI-powered applications that utilize LLM capabilities for tasks such as asset tracking, predictive maintenance, logistics optimization, and supply chain management.

  - Design and prototype systems that leverage Gen AI to automate routine tasks, improve communication, and drive efficiencies.

- **AI for Asset Management & Transportation:**

  o Apply AI models to streamline asset lifecycle management, optimize resource allocation, and predict failure patterns in industries like energy, utilities, and transportation.

  o Create LLM-based solutions that enhance operational decision-making, optimize transportation schedules, or provide intelligent maintenance suggestions.

- **AI Integration in Business Workflows:**

  o Work with cross-functional teams to integrate AI models into existing platforms and tools used in industrial operations.

  o Explore the use of conversational AI, natural language processing (NLP), and machine learning to improve customer support, operations monitoring, and performance reporting.

- **Data Processing & Automation:**

  o Utilize Gen AI to automate document processing, report generation, and data analysis workflows.

  o Enable intelligent query systems and chatbots that can assist stakeholders in obtaining insights from vast amounts of industrial data.

- **Documentation & Presentations:**

  o Document your research findings, development processes, and integration strategies for future reference and knowledge sharing.

  o Present your AI-driven solutions and prototypes to engineering and leadership teams, highlighting their business impact.

Requirements:

For 4th year/ lastyear students with majors in IT, Computer Science, AI or related majors.

- **Technical Skills:**

  o Knowledge of machine learning, artificial intelligence, and LLMs, with an interest in applying AI to industrial applications.

  o Familiarity with AI/ML frameworks such as TensorFlow, PyTorch, or Hugging Face.

- o Basic understanding of industrial processes in domains such as Asset Management, Transportation, or Logistics is a plus.

- o Experience with cloud platforms (AWS, Azure, Google Cloud) and familiarity with DevOps and API integrations is desirable.

- o Strong programming skills in Python or other relevant languages, especially for AI/ML development.

- **Soft Skills:**

  - o Strong analytical and problem-solving abilities.

  - o Good communication skills in Vietnamese and English. Japanese language ability is a plus.

  - o Good collaboration skills, with the ability to translate technical concepts into business outcomes.

  - o Eagerness to learn, adapt, and innovate in a fast-paced environment.

What You Will Gain:

- Practical experience in applying cutting-edge AI/ Gen AI and LLM capabilities to solve industry-specific challenges.

- Support from AI experts & industry professionals.

- Opportunity to contribute to meaningful AI-driven projects that directly impact business performance.

- A professional and international working environment with diverse activities.

- Monthly stipend

Working Details

Location: onsite at Ho Chi Minh Head Office - Helios Building, Quang Trung Software City (QTSC), Trung My Tay Ward, HCMC.

Working time: 9:00 am – 6:00 pm, at least 3 days/ week

How to apply

We only receive application via our Job Link. Please apply via this link:

https://www.hitachids.com/careers/job-details/?jid=8202758002&gh_jid=8202758002&gh_src=pgqx%E2%80%A6

Any questions, please reach out to the Talent Acquisition Team at:

Recruitment@hitachids.com

==**Notes:**==

"Thank you for your interest in the position!

As we receive a very high volume of applications for fresher & intern positions, we are only able to provide personalized feedback to candidates who are selected to move forward in the recruitment process."

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"We don't expect you to 'fit' every requirement – your life experience, character, perspective, and passion for achieving great things in the world are equally as important to us."