**AI Engineer Trainee (Remote) – Kickstart Your Career in AI!**

**Do you want to launch your career in the most exciting, fast-paced, and rapidly evolving world of AI?** Are you eager to develop **AI-powered automation solutions** using **Large Language Models (LLMs), Generative AI, and Machine Learning** for industries like **Banking, Logistics, Manufacturing, Professional Services, Retail, Senior Living, and Nonprofits**?

Join **HachiAI**, a cutting-edge AI automation company, as an **AI Engineer Trainee** and get hands-on experience deploying **AI agents** for businesses in the **USA, Canada, Australia, Hong Kong, and UAE**.

Our technology helps organizations **harness AI to enhance efficiency**, allowing teams to focus on **innovation and business growth**.

We are looking for **smart, analytical, and eager-to-learn individuals** excited to work at the forefront of AI. If you are passionate about **staying up to date with the latest AI advancements**, enjoy problem-solving, and are ready to build intelligent automation solutions, this role is your launchpad.

No prior work experience is required—just **a strong problem-solving mindset, desire to learn, excellent communication skills, and the flexibility to work North American hours**.

If you're willing to work hard and push your limits, this training role will open doors for long-term growth within **HachiAI and its parent company, MobileLive**.

**About HachiAI**

HachiAI is an **AI-driven automation company** that's transforming how businesses operate. We deploy AI agents that **automate complex workflows and enhance human decision-making**.

By leveraging **LLMs, Generative AI, and advanced automation techniques**, HachiAI delivers solutions that **blend human expertise with artificial intelligence**.

We're a **remote-friendly company** (headquartered in **Toronto, Canada**) with a culture that **celebrates innovation, continuous learning, and bold ideas**. As part of our team, you'll contribute to projects in various industries that **shape the future of work** and **transform industries through AI-driven automation**. It's a chance to leave your mark on the future of work.

**Why Join Us?**

* **Fast-Track Your AI Career** – Get hands-on training in **AI-powered automation, LLM, decision intelligence, and AI agent development,** working on real-world projects from day one.
* **Work With our Global Clients** – Deploy AI Agents for businesses in **North America, Australia, Hong Kong and UAE** across multiple industries.
* **Learn From AI Experts** – Dive into the world of AI with guided training programs. Be mentored by experienced AI engineers, data scientists, and automation specialists.
* **Clear Career** **Growth Path**—High performers can advance into AI Engineer, RPA Developer, Project Lead, or AI Consultant roles in HachiAI and MobileLive. We invest in your professional development with workshops, certifications, and stretch assignments.
* **Competitive Salary and benefits** – We value new talent – expect a salary that rewards your contributions with a structured career progression plan. *(You can build your career without financial worry.)*
* **Fully Remote Role** – Work from anywhere while collaborating with a dynamic global team.
* **North American Work Hours** – Adapt to client time zones, developing essential global business skills.
* **Develop Leadership and Management Skills**—If you demonstrate your abilities quickly, you can **manage projects, lead teams and engage directly with senior client executives**, sharpening your leadership and client management skills.

**What You'll Do (Role & Responsibilities)**

* **Train & Launch AI Agents:** Develop AI-powered automation tools that streamline workflows for businesses across various industries.
* **Collaborate on AI Projects:** Work closely with senior engineers to **integrate LLMs, AI models, and automation frameworks** into business solutions.
* **Problem-Solve & Optimize Processes:** Analyze inefficiencies and propose **AI-driven solutions**.
* **Develop & Test Automation Scripts (If You Have Coding Skills):** If comfortable, write **Python, RPA, or AI scripts** to automate real-world business problems. If not, learn on the job!
* Don't worry if you haven't worked in the industry yet – we provide **comprehensive training and mentorship** to help you grow quickly. We seek your enthusiasm, coding talent, and willingness to learn!
* **Engage With Clients & Teams:** Communicate effectively with **North American clients** and internal teams to **deliver AI-powered solutions**.
* **Stay Updated on AI Innovations:** Keep up with the latest developments in **LLMs, automation, and AI applications** to ensure our solutions remain cutting-edge.
* **Learning & Adapting:** Participate in code reviews, pair programming, and knowledge sessions. Learn best practices in software engineering and stay up-to-date with new Python libraries and AI tools we can leverage.

*In this role, every project is a learning opportunity. One week, you might script* ***workflow automation*** *for a finance client; the next, you could integrate an* ***AI service*** *to read invoices automatically. You'll never stop growing!*

**Who Should Apply? (Skills & Qualifications)**

* **Recent Graduates (0-2 years experience)** – Bachelor's in **Computer Science, Engineering, Mathematics, Physics, or related fields**.
* **Strong Analytical & Logical Thinking** – Ability to break down complex problems and propose structured solutions. Puzzle-solving, math problems, or debugging code – that's your idea of fun.
* **Excellent Communication Skills** – Ability to **explain technical concepts clearly** and collaborate with global teams and senior members of clients.
* **Willingness to Work North American Hours** – Flexibility to align with client time zones.
* **Eager to Learn & Grow** – Passionate about AI and driven to stay updated on **new advancements**. When faced with something unfamiliar, you're proactive about picking it up.
* **Python Knowledge (Desirable, Not Required)** – Familiarity with **Python, RPA tools, or AI/ML frameworks** is a plus but not mandatory.

*We are looking for problem-solvers and fast learners! We'll train you in AI automation if you're analytical, driven, and ready to grow.*

**Our Selection Process**

We want to ensure we find the right fit and give you a chance to showcase your talents beyond just a CV. **Here's what to expect:**

1. **Application Review** – Once you apply (with your resume and a brief cover letter), our team will review your background for the key skills we need (**problem-solving, AI interest, and learning ability**). We're **not looking for experience**—we focus on **potential**!
2. **Online Technical & Analytical Test** – Shortlisted candidates will complete:

* **Coding Logic Test (No Advanced Coding Required):** A **HackerRank or Codility** challenge to assess logical thinking and basic automation skills. *(If you're new to coding, don't worry! We evaluate problem-solving, not deep technical expertise.)*
* **Analytical Reasoning Test:** Solve **real-world AI automation scenarios** and **logic-based questions** to evaluate structured thinking. *(Think of this as a mix of puzzles and real-world problem-solving.)*

1. **Virtual Interview** – A mix of **technical discussions, problem-solving challenges, and soft-skill evaluations** with our team.
2. **Final Selection & Offer** – Join our AI-driven team and start making an impact!

*We aim to make the hiring process transparent, fair, and exciting. We know interviews can be stressful, but we'll stay in touch at each stage and ensure you have a great candidate experience.*

**How to Apply**

**Send your resume** to [**careers@hachiai.com**](mailto:careers@hachiai.com)

* **Include a short note** on why you're excited about AI automation.
* **Bonus:** Share any projects (GitHub, school assignments, or personal work) that showcase your analytical or problem-solving skills! We want to hear from you if you have the passion and skills.

**Applications are reviewed on a rolling basis—apply early!** Let's build the future of AI automation together at **HachiAI**!

**1. Cost-Effective Platforms for Technical Assessments (Python & Logic)**

When evaluating a large pool of candidates, an online assessment platform can save time and ensure fairness. Here's a list of cost-effective or free platforms to conduct Python coding tests and general coding logic challenges:

* **HackerRank** – A popular platform that offers a library of Python coding challenges and automated scoring. HackerRank has a *free tier* for basic hiring needs and is widely used for campus recruitment and entry-level hiring. You can set up custom tests focusing on problem-solving and see how candidates code in real time.
* **HackerEarth** – Provides a rich selection of programming problems and a friendly interface for test-takers. HackerEarth's hiring platform has a *free limited plan* that is ideal for startups or small companies. It supports Python and multiple-question formats (coding, multiple-choice, etc.) to assess logical thinking.
* **CodeSignal** – Known for its **General Coding Assessment** that many candidates take for free to get a coding score. As an employer, you can utilize CodeSignal's certified evaluations or create custom Python challenges. They offer a free trial and help gauge coding proficiency with their scoring system.
* **Coderbyte** – An affordable platform with a vast collection of coding challenges. Coderbyte for Employers lets you build tests combining coding tasks (in Python, JavaScript, etc.) and even logic puzzles. It's cost-effective for small companies, and candidates can code in-browser with automatic grading.
* **TestDome** – A pay-as-you-go testing platform which can be very budget-friendly if you're hiring for a single position. TestDome offers a mix of *Python coding questions* and **logical reasoning problems**. You purchase credits per candidate (relatively low cost) instead of a pricey subscription.
* **Codility** – A well-established coding test platform that offers high-quality tasks and **automatic code evaluation**. While primarily a paid service, Codility provides a free trial and sometimes free sample tests. It's great for assessing algorithmic thinking and code efficiency in Python and other languages.

*Using these platforms, you can filter candidates based on code correctness, efficiency, and coding style. Many also include plagiarism checks and detailed score reports. For an even more budget-friendly approach, consider using open-source tools or setting up a* ***Google Form with coding questions*** *that candidates can answer by sharing a link to a GitHub Gist or Repl.it code snippet. The key is to test the thought process and problem-solving skills, not just memorized knowledge.*

**2. Sample Analytical Reasoning Test Questions**

To evaluate candidates' analytical thinking, you can use a mix of classic logic puzzles and real-world problem scenarios. Below is a set of sample questions that combine **logic-based problems** and **efficiency challenges**. These questions can be part of a written test or an interview segment to see how candidates reason through problems:

1. **Light Switch Puzzle:** *You are standing in front of three identical light switches, each of which controls one of three light bulbs in the next room. All switches are currently off. You can flip the switches however you like, but you may only enter the bulb room* ***once*** *to observe which bulbs are on or off. How do you determine which switch controls which bulb?*  
   *(This puzzle tests creative problem-solving and reasoning. It has a clever solution involving time and the warmth of a bulb.)*
2. **Email Automation Scenario:** *An employee currently spends 5 hours every week manually sending out 100 personalized email updates to clients, copying and pasting content for each. Describe how you might automate this task to improve efficiency and reduce errors. What tools or approach would you use?*  
   *(This question assesses the candidate's ability to apply automation thinking to a real task — they might suggest scripts, mail merge, or an email automation service, showing practical reasoning.)*
3. **Task Dependency Challenge:** \*You have five tasks – A, B, C, D, E. Some tasks depend on others being completed first:
   * Task A must be done before **B** and **C**.
   * Task B and C both must be done before **D**.
   * Task D must be done before **E**.  
     What is an efficient order to complete the tasks?\*  
     *(This tests logical sequencing and understanding of dependencies. Candidates should figure out a valid task order, such as A → B → C → D → E (with B and C after A in any order, as long as D comes after both, then E last).)*
4. **Bottleneck Identification:** *A small assembly line has three stages in sequence – Step X, Step Y, and Step Z. Step X takes 5 minutes per item, Step Y takes 8 minutes per item, and Step Z takes 5 minutes per item. Which step is the bottleneck in the process, and what would you suggest to improve the overall throughput of the line?*  
   *(This question checks the candidate's analytical skills in a real-world efficiency context. They should identify Step Y as the slowest (bottleneck) and might suggest solutions like optimizing that step or adding parallel capacity.)*
5. **Process Improvement Thought Exercise:** *Imagine a process where a report is generated by manually collecting data from three different systems and consolidating it into a spreadsheet. This manual process is error-prone and takes a full day each month. How would you approach improving or automating this process? Outline the steps or tools you would consider.*  
   *(This open-ended question evaluates the candidate's ability to break down an inefficient process and propose improvements, demonstrating both logical thinking and creativity in applying technology.)*

*These questions do not necessarily have a single "right" answer (except the ones based on pure logic puzzles). The goal is to see* ***how*** *candidates think: Do they approach problems systematically? Can they explain their reasoning clearly? Do they consider edge cases or alternative solutions? By including both abstract puzzles and practical scenarios, you get a well-rounded view of their analytical reasoning capabilities.*

**3. Eagerness to Learn & Grow – Candidate Questionnaire (Multiple Choice)**

To gauge a candidate's mindset and enthusiasm for growth, you can include a short multiple-choice questionnaire. The questions below aim to assess how proactive, curious, and growth-oriented a candidate is. There are no strictly right or wrong answers, but they help reveal the candidate's attitude toward learning and development in a technical career:

1. **When faced with a new programming language or technology that you haven't used before, what do you typically do?**
   * A. *Dive right in!* I'll find tutorials or documentation and start teaching myself – I love learning new technologies.
   * B. I'll wait until I'm formally trained or someone shows me the ropes; I prefer guidance before trying new things.
   * C. I feel a bit hesitant. I might attempt it if required, but I'm not very comfortable outside my expertise.
   * D. I tend to avoid it if possible; I'd rather stick with tools I already know well.
2. **If you encounter a challenging coding bug or a problem you can't solve immediately, what's your approach?**
   * A. I research the issue – search online, read documentation, and experiment until I figure it out. It's a chance to learn something new.
   * B. I'll spend a short time on it, but if it's too tricky I quickly ask a colleague or mentor for the solution.
   * C. I feel frustrated and might put it aside hoping someone else can solve it or that it somehow resolves itself.
   * D. I consider abandoning the task or switching to an easier approach; tough bugs aren't worth the hassle.
3. **How do you keep your technical skills and knowledge up to date?**
   * A. I **actively** seek out new learning – I take online courses, work on side projects, or read about emerging technologies for fun.
   * B. I learn new things **when needed** for a project or when my job requires it, but I don't do much extra on my own.
   * C. I rely on company training sessions or workshops; outside of that, I don't usually pursue additional learning.
   * D. I'm mostly focused on my current work and interests; I don't pay much attention to new tools or trends in technology.
4. **When you receive feedback or code review comments on your work, how do you react?**
   * A. I appreciate it – I see feedback as an opportunity to improve. I actively adjust my work and try to learn from the comments.
   * B. I fix the issues pointed out, but I usually stick to my own style unless I'm explicitly told to change. Feedback is okay, but I don't always agree with it.
   * C. I feel defensive or discouraged. It makes me doubt my abilities, and I might avoid seeking feedback in the future.
   * D. I tend to dismiss the feedback. If my code works, I don't see why I should change it based on someone else's opinion.
5. **What motivates you most about pursuing a career in a technical field like automation/AI?**
   * A. The **constant learning and innovation** – technology is always evolving, and I'm excited to keep growing with it.
   * B. **Career advancement and salary** – I'm motivated by the potential for a high-paying job and promotions as I gain skills.
   * C. **Job stability** – I chose tech because it's in demand; I prefer to become really good at one thing and have a secure job.
   * D. Honestly, I happened into tech – it's a job for me, and I'm not particularly passionate about the tech itself.