



Industrial Research

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Part 1 : Industrial Research

Note: Click on the Position to open the respective link.

Date	Company	Position	Description	List of Skills	Location	Salary	How do you want it?
5/22/2024	Recursion	Machine Learning Intern	As a Machine Learning Intern at Recursion: * Develop and train ML models using vision and omics data for drug discovery * Work with large biological datasets on a supercomputer with multiple GPUs * Collaborate with engineers, scientists, and product managers to explore models and develop new capabilities	Deep learning theory and practice, biological data handling (microscopy, genetics, RNA-Seq), deep learning algorithm development, large-scale experiment management, model performance benchmarking, PyTorch, NumPy, Pandas, GCP, Hybrid Cloud, Linux, CUDA, Docker, Kubernetes, BigQuery, distributed systems	Toronto, ON		I am excited about a Machine Learning Intern position at Recursion because your NLP experience and education align with the job requirements.
5/24/2024	Bombardier	Machine Learning / AI Specialist	As a Machine Learning/AI Specialist at Bombardier: * Develop and implement AI/ML solutions to optimize operational processes * Analyze data, design and implement ML models, and automate data extraction * Integrate models into SAP/Hana, evaluate performance, and collaborate with teams to solve business problems	Analytics, data science, computer engineering, AI model development, machine learning algorithms, deep learning neural networks, cloud computing (Azure), software architecture, Python, PySpark, Docker, agile development methods, Azure DevOps, Linux scripting, problem-solving, debugging, communication, presentation	Dorval, QC		The Machine Learning/AI Specialist role at Bombardier is a great fit for my experience in developing machine learning models and applying AI techniques.
5/14/2024	Alstom	Digital Data Engineering Internship	As a Digital Data Engineering Intern at Alstom: * Develop data analysis scripts, dashboards, and KPIs using Python, R Studio, and Tableau * Support the Digital Monitoring Center with data analysis, predictive maintenance, and data mining algorithms * Optimize fleet maintenance regimes	Data analysis, programming (Python, R Studio, C++, Java, VBA), Microsoft Office proficiency, Tableau/Power BI, predictive maintenance, problem-solving, analytical skills, self-motivation, fluency in English and French	Saint-Bruno, QC		I'm excited to apply for the Digital Data Engineering Internship at Alstom, as my skills in data analysis, programming, and AI make me a strong fit for the role.
5/14/2024	Dayforce	Data Analyst Intern - Fall 2024	As a Data Analyst Intern at Dayforce: * Evaluate data to create reports and visualizations for informed business decisions * Develop reports with Power BI, prepare datasets with SQL/Python, and create presentations on findings * Collaborate with the Data Platform team and work on data analytics, governance, and AI Initiatives	Data analytics, data science, Power BI, SQL, Python, database management, OLAP, ETL frameworks, data protection, hypothesis testing, data modeling, data warehousing, business intelligence architecture, programming/scripting (e.g., SQL, PowerShell), quick learning of new technologies, Databricks, Apache Spark, Azure cloud technologies, passion for people analytics, data science/AI/ML, I-O psychology, human resources interest	Toronto, ON	CA\$28.20/yr - CA\$32.30/yr	I'm excited about the Data Analyst Intern role at Dayforce, as my background in data analytics and machine learning aligns with the job's requirements.
5/22/2024	Kinaxis	Co-op/Intern Developer, Machine Learning	As a Co-op/Intern Developer for Machine Learning at Kinaxis: * Gain hands-on experience with ML software development * Contribute to tech selection, production code, and new product ideas * Develop demos and write Python code for microservice architectures	Machine learning application, Python coding, microservice architecture, tech selection, hands-on ML experience, teamwork, continuous learning, problem-solving, Computer Science or Engineering background, hackathon or competition experience	Quebec, QC (Remote)		I'm interested in the Co-op/Intern Developer role at Kinaxis, where I can apply my machine learning and Python skills, and contribute to innovative projects.
5/24/2024	Hays	Gen AI Engineer	As a Gen AI Engineer at Hays: * Design, develop, and deploy AI-based solutions, including Generative AI and large language models * Automate tasks, enhance business processes, and drive innovation * Validate new tech, integrate AI models, optimize for accuracy and efficiency, and share knowledge	Deep learning, machine learning architectures, transformers, language models, Python, ML frameworks, cloud environment, problem-solving, analytical thinking, communication, advanced prompt engineering, fine-tuning, orchestration, graph technologies	Toronto, ON		I'm excited to apply my machine learning and data science experience to this role and contribute to the team.
5/21/2024	ANDRITZ	Artificial Intelligence (AI) Engineer	As an AI Engineer at ANDRITZ: * Design and deploy AI solutions for autonomous control of industrial processes * Create technical documentation, mentor colleagues, and integrate AI systems * Stay updated on industry trends and work as a subject matter expert	Artificial intelligence, machine learning, decision-making, Python, C#, data structures, data modeling, software architecture, communication, interpersonal skills, reinforcement learning, simulation, cloud machine learning applications (Azure), Distributed Control System configuration	Richmond, BC	\$113,000 to \$165,000 based on a 40-hour work week	I'm a strong fit for this position due to my experience in machine learning and AI, and I'm excited to join the team.
5/23/2024	General Motors	Fall 2024 Co-Op - Diagnostic Analyst	As a Diagnostic Analyst Co-Op at General Motors: * Evaluate diagnostic functionality and analyze vehicle CAN data logs * Troubleshoot diagnostic events and support root cause investigations * Document issues, collaborate with global teams, and work on process improvement projects	Analytical skills, problem-solving, CAN or LIN communication protocol, Python, C++, organizational skills, oral and written communication, adaptability, teamwork, valid driver's license, travel to the USA, eligible to work in Canada	Oshawa, ON		I'm confident that my AI and programming experience make me a strong fit for this role and I'm excited to contribute to the team.

Part 2: Details about the positions and skills required.

Position	Skill	Description	Years of Experience	Years I have	What do you need to do?	Deadline
Machine Learning	Programming Skills, Data Handling and Preprocessing, Machine Learning Fundamentals, Model Deployment and Integration, Data Visualization and Communication	A Machine learning engineer is an expert in the creating and implementing of solutions that involves the use of a machine learning model and AI to solve significant business issues. They possess the technical skills in software engineering, data and machine learning to create robust, fast, and accurate models that can be deployed within larger systems; and collaborate with other departments to find potential problems, see the right solutions, and implement the models at scale.	3+	2+	I need to work on my competitive programming skills.	August 2024
Gen AI Engineer	Advanced Mathematics and Statistics, Programming Skills, Cognitive Architectures and Models, Natural Language Processing (NLP) and Computer Vision, Knowledge Representation and Reasoning	A Generative AI Engineer designs and develops artificial intelligence systems that can create original content, such as images, videos, music, and text, by learning patterns and structures from large datasets. They work on the cutting edge of AI research, pushing the boundaries of what is possible with generative models.	2+	1+	I need work on my mathematical and critical thinking skills.	January 2025
Data Analyst	Data Visualization, Statistical Analysis, Data Mining, SQL and Database Management, Excel and Spreadsheet Analysis	A Data Analyst gathers, arranges and interprets data with a view to assisting companies in enhancing business decision making processes. Through statistical analysis and data visualization, they detect trends, patterns, and relationships, and communicate the results	2+	2+	I need to work on some large scale data analysis projects to build my portfolio.	September 2024

		in a simple manner that includes actionable steps for decision makers.				
Data Engineer	Programming Skills (Java, Python, Scala), Data Architecture, Big Data Technologies (Hadoop, Spark, NoSQL), Cloud Computing (AWS, Azure, GCP), Data Pipelines and ETL	A Data Engineer is responsible for constructing and managing a data processing pipeline that involves data storage, data processing, and data access of big data. It means that they design and set up data pipelines, considering data quality, security, and the need for growth. Data Engineers collaborate with data scientists and analysts to know the data requirements of the organization and to create the right solutions through technologies such as big data technologies like Hadoop, Spark and through cloud computing platforms like AWS and Azure.	2+	2+	I need to make connections and relations with the peoples who are currently working on data field.	January 2025