Dear **Ramakrishna Paritala**,

Subject: Appointment in the position of **Machine Learning Intern**.

Feynn Labs Services is the B2B unit of Feynn Labs where we provide Artificial Intelligence integrated services like Market Analysis and Segmentation, Product Segmentation to Businesses, AI Products/Services Development, implementing Deep Tech under our Smart Regions Initiative etc.

Feynn Labs is primarily an **Artificial Intelligence Company** currently focusing on AI integration in Small and Medium Businesses and ensuring the providence of high-quality education in AI/Machine Learning.
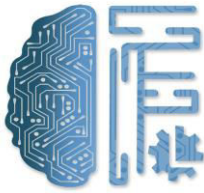
Our primary mission is to build a premier chain of institutes in India where students will experiment with and apply what they learn hand in hand.

This vision is implemented with our "**Project-based Top-Down Learning**" approach, focusing on some of the frontier technologies like Artificial Intelligence (AI), IoT, Augmented Reality (AR), Blockchain, Quantum Computing, etc.

With reference to your application and the subsequent interview you had with us, we are pleased to confirm your appointment as an executive under an Internship opportunity expanding over **2 months** for the above-said position in Feynn Labs Services subject to the following terms and conditions.

You will be solely **working from home (online),**
Under the guidance of a Project Mentor assigned by the company.

The Internship will commence on 20th September, 2024.

Your job role would entail these tasks and operations:

Summary of role:

As a Machine Learning Intern working in Business Analytics and Market Research Domain, your role would be to assist the company in developing and implementing machine learning models to analyze medium/large datasets related to consumer behavior, market trends, and other relevant factors. You will work on tasks such as data cleaning and preprocessing, model selection and tuning, and visualization of results. You will be expected to work with various tools and technologies such as Python, R, SQL, and data visualization tools. Ultimately, your goal would be to help our organization make data-driven decisions and improve our market strategy.

You will be working on the following projects:
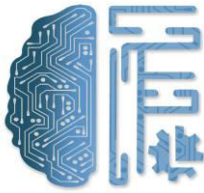
1. AI Product/Service Prototyping:

This a Product Ideation task, Interns have to come up with a Product Idea which will primarily use Machine Learning & Artificial Intelligence to solve real world business problems and prepare a report on the abstract prototype/business model. The Report should be prepared as per some specific touchpoints where Problem Statements, Market Needs, Business Model of the Product and Product Design (abstract) are compulsory.

ML Models required: Any Machine Learning Model can be used as basis for the Product Idea.

Tentative Duration: 10 days

2. Market Segmentation using Machine Learning:

This project involves use of Machine Learning and Data Analysis techniques to segment Real World Business Markets and Industries based on market variables. This project

will involve a study period of around 10 days and a Client Based Real World Market Segmentation Project of around 14-20 days.

ML Models required: K-means clustering, KNN, PCA, Neural Networks (optional) etc.

Tentative Duration: 24-30 days

3. AI Product/Service Business and Financial Modelling:

This project is a continuation of 1st Project and application of Market Analysis and Segmentation in 1st Project. Interns have to build a working prototype (in app or web form – IF PLAUSIBLE) along with developing a financial equation for their Product's Business Model after properly analyzing the associated Market, using Market Trend Forecasting and Market Segmentation.

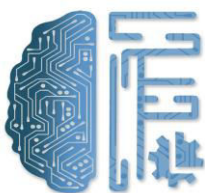ML Models required: K-means clustering, KNN, PCA, Time Series Analysis etc.

Tentative Duration: 7-10 days

NOTE: There will be buffer period of 5-10 days between each project assignment.

In addition, you will be given **exposure** through the management and technical tasks to help you upskill yourself and build your resume.

A **Certificate** will be provided to the intern by Feynn Labs upon the successful completion of the internship.

A **Letter of Recommendation** is also provided by the Head of Operations on excellence in performance.

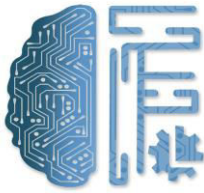**The company shall not provide any fixed stipend at the end of the aforementioned Internship period. We do, however, provide Project Payouts (performance based) to Interns depending on the quality of Projects they present.**

Pay Structure:

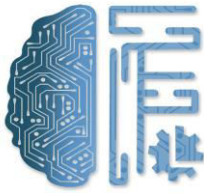| Segment B – Pay Structure	
Type of Stipend	**Amount**
I. Fixed Stipend	NIL
II. **Performance Based:** **(Kindly refer to Internship Guidelines to learn about the Performance Criteria)**	
1st Project	Rs. 1,500
2nd Project (**PERFORMED SOLO**)	Rs. 1,500

Terms and Conditions

Dos and Don'ts

- Kindly use the official marketing material provided by the company (if necessary).

- Do not commit to marketing any posters or content that is not approved by the company authority.

- Collaboration with third party platforms is restricted

- Social media pages on the name of "Feynn Labs" or related pages should not be created by the intern. The official Social Media pages of the company only have to be promoted, if and when necessary.

Non-Disclosure Agreement

During the internship program, the Intern may have access to trade secrets or confidential business information belonging to the company (including, but not limited to "source code", "graphic assets", "source repositories", "practical documentation"," development binaries", "Company internet accounts" etc.). By accepting this appointment, the Intern acknowledges that all this information must be kept strictly confidential, and should not be used for Intern's purposes or disclosed to anyone outside the company unless authorized in writing by the company. In addition, the Intern agrees that, upon the termination of the internship program (for any reason whatsoever), the Intern will immediately return to the company, all of its property, equipment, and documents, including but not limited to electronically stored information. The Intern agrees to hereby indefinitely assign ownership of any intellectual property right and copyrights to the company for any work that is done as a part of the internship program with the company.

Non-Compete Agreement

The Intern undertakes, agrees and covenants with the Company that for a period of 1 month from the termination/ expiry of this internship, as the case may be ("Non-Compete Period"), the Intern shall not, either directly or indirectly work with any company, association, firm, individual or carry on any activity, which is the same as, or similar to, or which competes or is reasonably likely to compete with, the business of the Company, including, but not limited, to any company involved in the field of Education technology.

We hope you have a great learning experience with us and grow in the process of this role. Hearty congratulations and a warm welcome to the Feynn Labs community.

Yours sincerely,

Sanjay Basumatary
Director, Feynn Labs.
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