EduLumos

IGNITING MINDS, ILLUMINATING FUTURE

ABOUT THE COMPANY

Overview

Founded in 2025, **EduLumos** is a pioneering EdTech startup dedicated to bridging the gap between academic learning and real-world industry requirements. Our mission is to create a holistic ecosystem that empowers students, professionals, and businesses through:

- **Technical Training & Internships** – offering hands-on programs that equip learners with in-demand skills, practical exposure, and career readiness.
- **Consultancy Solutions** – providing expert guidance to organizations for digital transformation, process optimization, and workforce development.

At **EduLumos**, we combine education, technology, and industry insights to ensure that knowledge translates into measurable growth and success.

Our Vision

"Igniting Minds, Illuminating Future"

At **Edulumos**, our mission is to make skill development accessible, affordable, and meaningful. We are dedicated to bridging the gap between academic knowledge and professional experience by providing hands-on, project-based internship programs that equip students with real-world skills.

We offer opportunities in high-demand domains, including:

- ❖ **Frontend Development**
- ❖ **Backend Development**
- ❖ **Machine Learning**
- ❖ **Artificial Intelligence**
- ❖ **Data Science**

Through these internships, we empower students to confidently step into the professional world.

What we do?

"From classroom to career: equipping learners with skills, experience, and confidence."

At **EduLumos**, we bridge the gap between academics and industry by offering industry-driven technical training and structured internship opportunities. Our programs combine practical learning, exposure to emerging technologies, and real-world project experience to ensure learners gain both knowledge and hands-on expertise. By focusing on skill development and career readiness, we empower students and professionals to confidently step into the workforce and thrive in today's competitive tech landscape.

Why choose us?

The name **EduLumos** reflects our vision and purpose — ***"Edu" stands for Education, and "Lumos" means Shine, symbolizing our mission to spread the light of education across the world***. At **EduLumos**, we believe true learning goes beyond textbooks. Our programs are designed in collaboration with industry experts to ensure that students gain practical skills, real-world project experience, and the confidence to excel. With a focus on hands-on training, mentorship, and career readiness, we empower learners to transform knowledge into opportunities and shine in today's competitive world.

Instructions for Project Submission

**Project submission*

- **Every week** a project submission form link will be shared via email later. In the mean time continue working diligently on your assigned tasks and projects.
- It is compulsory to submit your **weekly tasks** through the submission form.
- A **final submission** link will be shared on the **last day** of the internship, where you must submit all completed tasks for **verification** of your internship.

**Projects and tasks requirement*

- **Machine Learning Internship**: To successfully complete the internship, you are required to complete a minimum of **three weekly projects or tasks**. These may be selected from the same level or from different levels, depending on your preference.
- You will be assigned **five projects**, from which you can choose **any three**. Each chosen task must be submitted **weekly** through the weekly submission form.

*Submitting projects on GitHub

- Create a GitHub repository named **“EDULUMOS INTERSHIP TASKS”** .
- In this repository, you must upload your **weekly tasks** and share the repository link through the **weekly submission form**.

*Develop and submit a video demonstration of your work

- Create a video that highlights your work. The video should clearly present your efforts and contributions to the assigned tasks or projects.
- Share this video on **LinkedIn** to showcase your skills and add credibility to your internship experience.
- Tag **@EduLumos** in your LinkedIn post.
- Use the hashtag **#EduLumosInternship** for consistency and visibility. You may also add other hashtags such as **#Internship** and **#DataScience** to increase reach.

*Make use of online learning materials

- You are encouraged to use any tools like Google search and video tutorials to support your learning.

*Recognition for exceptional performance

- Every student or professional who successfully completes the internship tasks will be awarded an **Internship Completion Certificate**, certified by **MSME**.

*Top-performing interns will be rewarded with:

- A **Letter of Recommendation (LOR)**.
- An opportunity to earn a **stipend** based on exceptional performance.
- Public acknowledgment on **EduLumos official page** for noteworthy contributions.

MACHINE LEARNING

“ Machines learn, but only a learner makes them smart ”

Projects information:

Tasks:

Tasks	Description	Reference (optional)
Task 01: Smart Study Score Predictor – Learn the Power of Regression	In this project, students will explore how study habits, test preparation, and lifestyle factors influence exam performance. You'll learn to handle real-world education data, clean it, **visualize insights**, and **use regression algorithms** to predict scores. This project gives you hands-on exposure to the fundamentals of **data-driven prediction** — the starting point of **every ML** journey **Learning skills**: Students will learn how to preprocess data, handle **missing values**, and **visualize relationships**. They'll also understand how regression models make **predictions** and how to measure their performance using error metrics.	**Dummy Data set: Performance Dataset** (Note: You can also use any other data set of your choice) **Video Reference: Student Performance Project using ML** (This video is for reference only. You should learn the concepts and build your own project to correct this and complete it.)
Task 02: AI Health Analyst – Predicting Heart Diseases with Machine Learning	This project shows how **Machine Learning** helps in healthcare. You'll use patient data to build a model that predicts the risk of **heart disease**, **gaining practical** experience in **classification algorithms** used in **medical analytics**. **Learning skills:** Students will understand how to apply **Logistic Regression** and **Decision Trees**, prepare data using **normalization**, and evaluate models using accuracy and **confusion matrices** to make reliable predictions.	**Dummy Data set: Heart Disease Dataset** (Note: You can also use any other data set of your choice) **Video Reference:** **Heart Disease ML Heart Disease Project** (This video is for reference only. You should learn the concepts and build your own project to correct this and complete it.)

Task 03: Customer Universe – Grouping Shoppers with K-Means Magic	In this project learn how businesses group customers based on **income** and spending habits. In this project, you'll apply **K-Means clustering** to **segment customers** and uncover shopping trends for **smarter marketing**. **Learning skills:** Students will grasp how **K-Means clustering** works, how to choose the right number of **clusters**, and how to visualize and interpret customer groups to find **hidden patterns** in data.	**Dummy Data set: Mall Customer Segmentation Dataset** (Note: You can also use any other data set of your choice) **Video Reference:** **Clustering Project** (This video is for reference only. You should learn the concepts and build your own project to correct this and complete it.)
Task 04: Truth or Trash – Detecting Fake News with NLP	In this project, you'll use **Natural Language Processing** to train a model that can identify fake news articles. It's a great way to explore **text data** and understand how **AI** can detect **misinformation**. **Learning skills:** Students will learn **basic text preprocessing**, use **TF-IDF** to convert text into **numerical data**, and **apply Logistic Regression** to classify news articles as **real or fake**.	**Dummy Dataset: Fake News Dataset** (Note: You can also use any other data set of your choice) **Video Reference:** **Fake news detection using ML** (This video is for reference only. You should learn the concepts and build your own project to correct this and complete it.)
Task 05: Smart Home Valuator – Predicting House Prices with ML Intelligence	This capstone project combines all your skills **to predict house prices** using real estate data. You'll build an advanced regression model and learn how ML supports business decisions in property valuation. **Learning skills:** Students will explore feature engineering, work with advanced models like **Random Forest** and **XGBoost,** and learn how to evaluate and fine-tune models for better **prediction** accuracy.	**Dummy Dataset: House Dataset** (Note: You can also use any other data set of your choice) **Video Reference:** **Advanced House Data Prediction** (This video is for reference only. You should learn the concepts and build your own project to correct this and complete it.)

Contact us:

For questions, clarifications, or feedback, reach out to us:

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