HYPERVERGE

Deep Learning Engineer Internship

About Us: HyperVerge is a cutting-edge AI company revolutionizing identity verification and fraud prevention for over 100 clients across the US, India, Africa, and the ASEAN region. Our advanced AI technology is trusted by industry giants like Jio, Vodafone, Airbus, SBI, and Bajaj, as well as unicorns such as Grab, Groww, and Cred. To date, we've powered over 750 million AI-based automated ID checks.

Our Impact: Enterprises benefit from unparalleled accuracy, evidenced by our ability to prevent an astounding $22M in annual fraud for a single large NBFC.

Our Mission: We're on a mission to hit $100M in revenue in the next four years, and we need a stellar team to get us there. Fields like AI, BFSI, and Crypto are packed with complex ideas that need to be broken down, organized, and presented in a way that clicks with our customers.

Internship Program:

- **How does our internship look like**:
  ▶ HyperVerge Work Stories -- Internship @ HyperVerge
- **Holistic Learning**: Interns are welcome in all departments, ensuring a well-rounded experience.
- **Real Responsibilities**: Interns and grads handle important tasks, giving you real responsibilities from day one.
- **Top-Notch Mentors**: With mentors from around the world, you'll dive into hands-on, challenging projects that will supercharge your learning curve.
- **Training Camps**: We run multiple training camps to prep you for the job and your future career.
- **Cross-Functional Learning**: You'll have chances to explore different roles and switch teams.
- **Performance-Based Feedback**: We provide feedback based on your performance, and if everything aligns, you could join our Future Leader Program.

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RESPONSIBILITIES

- Train and deploy sophisticated Deep Learning Models for complex usecases
- Ensure high quality execution in developing Deep Learning models and algorithms for image recognition problems such as Text Recognition, Object Detection, and Image Forgery Detection.
- Ensuring that best practices are followed in solving AI problems, including thorough problem analysis, prior research understanding, persistent experimentation and documentation, rapid prototyping, and extensive testing.
- Creating and Executing on processes for thorough performance evaluation of the solution against real-world test cases. Benchmarking against competing solutions, prior research and customers' acceptance criteria wherever applicable
- Own the complete end-to-end machine learning lifecycle, from understanding the requirement, ideating on appropriate approaches, training and testing models and deployment.
- Analyze failure cases of the current models on exhaustive data and derive insights for model improvement.
- Come up with unique approaches to solve for real-world problems.
- Build, measure and iterate on training pipelines and neural network architectures that effectively solve the problem
- Optimize the solution for accuracy and performance.

PRE- REQUISITES

Must have

- Python, Deep Learning
- Hands on experience with Tensorflow or Pytorch
- Prior knowledge and experience with Deep Learning for image/video related problems
- Only candidates who are available for full time (in-office/remote) internship.
- Have already graduated or will be in the final year of study during the internship period

Good to have

- The preferred choice of branch - Computer Science or Electrical Engineering, students in their final year of college
- Hands-on experience with Tensorflow and Python
- Preferred if the student has prior internship experience in Deep Learning
- Preferred if the student has done Deep Learning courses, perhaps on MOOCs such as Coursera, Udacity, etc.

COMPETENCIES

1. Efficiency and Execution

   a. Able to produce significant output with minimal wasted effort in a timely manner. Focuses on key priorities.
   b. Handles pressure well - performs well under pressure; adheres to timelines, sets goals for self and stays focused

2. Self-Starter & Team Player

   a. High level of motivation, proactive, self-starter with ability to quickly identify what needs to be accomplished, craft and drive a solution, strong personal initiative and good judgment.
   b. Works well with cross-functional teams; overcomes obstacles by collaborating with others in the team.
   c. Works proactively without always being told what to do

3. Learning

   a. Intellectual curiosity - loves to ask questions and is genuinely interested in learning the business needs
   b. Enthusiastic about learning and trying new approaches, best practices, and ideas and not overly attached to what has worked in the past
   c. Does not carry around a big ego and ready to collaboratively learn with the team