**WhyLabs Internship Proposal**

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*Introduction:*

I spoke with **Danny Leybzon** – community manager and MLOps architect – about his career and insight into life at WhyLabs. He gave me the opportunity to craft an internship proposal outlining how and why I could provide value to WhyLabs this summer.

*Idea:*

As an intern at WhyLabs, I’d plan and complete interesting and relevant machine learning projects that clearly illustrate the simplicity and effectiveness of whylogs. An in-depth summary of each project would be posted to a community page or project gallery, a medium that I’d simultaneous help grow and facilitate. This was inspired by a conversation with **Ken Lee**, a solutions ML engineer at Weights & Biases, who spoke about the value that their community page has brought to the company. Interns on the W&B growth team help create content for the platform through personal projects using the W&B *Reports* functionality, which allows for seamless work logging, sharing, and collaboration for projects of all size and complexity. The WhyLabs community page would serve a similar role: a collaborative space for practitioners, researchers, and enterprises alike to share their projects and experiences. Project posts could include an overhead summary, information about the model, data visualizations, and of course, the statistical profiles generated by whylogs. There could also be a specific section for users to elaborate on their experience using whylogs and the impact they believe it had on their project.

I also spoke with **Nathan Raw**, a developer advocate at Hugging Face who addressed the beneficiaries an active, quality Twitter presence can bring to a company’s growth. Their Twitter serves as a platform for users to share their projects in a concise way. Some projects go viral, bringing praise and attention to both the user’s work and the Hugging Face library. Each week, I could select a project from the community page to highlight on the WhyLabs Twitter.

*Example:*

Inspired by existing projects emphasizing whylogs’s compatibility with industry-level tools, such as the blog posts integrating whylogs with MLflow and SageMaker, I’ve attempted to create a toy example with Hugging Face. I used their *Transformers* library – a collection of pre-trained models and tokenizers – in a *Jupyter Notebook* environment, both of which I employed frequently as a biomedical informatics research intern last summer. While this toy project does not go nearly as in-depth as the existing projects, it helps demonstrate the ease of logging textual data using whylogs in junction with Hugging Face.

*Value:*

A community page or project gallery welcoming of all opinions, backgrounds, and affiliations would foster an open, inclusive platform of constructive discourse and healthy debate. This would provide valuable insight that could be used to better understand the WhyLabs userbase and make educated improvements to whylogs. Everyone in the community would be able to leverage each other’s work, which would not only attract people to WhyLabs, but to machine learning in general. This space could be an addition to or an extension of the well-established **Rsqrd AI** community, which embodies similar values and aspirations. Additionally, bringing on an intern would be a great pilot opportunity that could lend valuable perspective for WhyLabs to recruit interns in the future. Ultimately, this would help make WhyLab’s mission statement – for whylogs to make it into the toolset of every data science practitioner and researcher – a reality.

*Conclusion:*

Conducting machine learning projects and helping grow a community aligns well with Danny Leybzon’s assessment of my ideal role: a position that would expose me to both technical and user facing operations. This opportunity at a Series-A would allow me to see the impact of my work through WhyLab’s success. Being able to build human connections with some of the industry’s most brilliant minds – people passionate about ML tooling and the robust software space – would expose me to a breadth of knowledge and wisdom that would be invaluable to someone navigating a career. With data becoming the central nervous system for decision-making in organizations of all sizes, data monitoring and AI observability will only continue to grow increasingly relevant and necessary. At WhyLabs, I know I could get a taste of what it feels like to make the world a better place.

Thank you so much for the opportunity and consideration.

*Links:*

Weights & Biases: <https://wandb.ai/>

W&B Community: <https://wandb.ai/fully-connected>

Hugging Face: <https://huggingface.co>

HF Twitter: <https://twitter.com/huggingface>