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Dr. Ching-Yao Lai & Dean of Faculty

This letter expresses my interest in joining the laboratory of Dr. Ching-Yao Lai as an associate professional specialist. When Dr. Lai mentioned that she is seeking a research engineer for deep learning ice dynamics, I immediately knew I am a good fit for the position.

I got my M.Sc in physics for studying dynamics of granular physics. The academic enables me to investigate the ice-sheet dynamics, especially the Navier-Stokes equations at the project's core. Besides a strong physics background, I've been applying deep learning systems to real-world problems for more than two years. I adapt and deploy deep-learning algorithms that become successful solutions for automated optical inspection. The experience got me disciplined to help the group conducting experiments in fast, robust, and reproducible ways. The ability to understand the domain problem and provide solid engineering experience will be an asset to the group.

As an engineer in the R&D department, I encounter challenging problems daily and enjoy solving them. It is undoubtedly hard, and thus fun, to understand entire Antarctica via neural networks. It is going to be an exciting project that I am eager and can help to solve.

Sincerely yours,

Ming-Ruey Chou