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NVIDIA Human Resources,

Dear Madam/Sir,

Your technical people might be intrigued by this video:

http://www.youtube.com/watch?v=h65P0QYTLIM

You can see what appears to be ray tracing in the caustics on the pool floor, but you can also see that the video was posted ten years ago and the animation is running in real time on a phone, so it couldn't be ray tracing or any GPGPU technique.

I offer this as evidence of my fascination for GPU programming, perfectionistic graphics (it even considers polarisation) and technical ingenuity.

My other great love is AI, so I chose a Masters in "Intelligent Systems" in 1993. At that time, AI was not a realistic career choice, but since that changed, I enrolled on MIT's professional certificate in data science and AI. For the practical project I chose the FER2013 challenge (because it looked like the most open-ended one on the menu) and reached 75% accuracy with the technique of downloading a pre-trained network (VGG16) but using only its earlier convolutional blocks, replacing the later ones with fresh, trainable convolutions. Throughout the course, I've helped other students by asking in detail about topics that the teaching staff were glossing over, for instance, uncovering the fact that python's surprise's KNNBasic algorithm is completely different from the KNN we were taught, and that the GNN course entirely omitted any mention of convolutions over hop-distance.

I've also been deeply immersed in the cloud for my last two jobs and have since obtained AWS practitioner certification. When the MIT course finishes I'll follow that up with their machine learning certification.

Throughout my career you'll see a hunger for new challenges (e.g. Haskell), a repeating pattern of being appointed to leadership positions and empowering my teams with both technical and methodological lateral thinking. At Red Embedded for instance, I rendered a family of long-standing multithreading bugs soluble with the technique of categorising log lines with a hand-crafted decision tree then filtering the log down to just the first occurrence of each category.

NVIDIA would obviously be a Mecca for somebody with my interests and values. I'm both capable and motivated to help propel your current technical revolution to new frontiers.

Please phone or email me if you'd like to progress to the next stage of your hiring process.

Best Wishes,
Adrian May.