Dear Dr. Blumenfeld,

My name is Jinzhi Shen. I am a first year ECE master student at Boston University. I will be graduating this December. I am pretty interested in the research support position you sent to us through emails recently.

I have a very integrated research background, covering physics, hardware, and math modeling. My main direction in undergraduate was physics and computer engineering. During which, I did research in signal and data analysis related projects, including noise’s effect on performance of an algorithm on Unmanned Aerial Vehicles and materials response to pressures. I also did a math modeling contest with my friend in the math department during my undergraduate and we got an Honorable Mention.

My current research with Dr. Yang at Boston University is on scan speed up of a 3D photoacoustic scanner with an optimization in both hardware and system design. I also am working on the denoising and data processing after the whole scan.

I would be rather happy to work in a research team like yours. It is always a lot more fun to work in a group that requires all rounded skills of me and I hope you could consider me for this position.

Sincerely,

Jinzhi Shen

Boston University