Hi Team,

I hope youre doing well. My name is Vignesh, and I am currently pursuing my Masters in Computer Engineering at NC State University, specializing in computer architecture. I was excited to learn about AheadComputings groundbreaking work in developing high-performance RISC-V CPU cores designed to address the growing demand for general-purpose computing performance, especially in AI applications.

In my previous research internship, I gained hands-on experience with ChampSim, exploring alternatives to SRAM-based LLCs, and have worked on branch predictor modeling using Gem5. Additionally, I have practical experience designing hardware units for transformer self-attention mechanisms using SystemVerilog. I believe these skills align well with AheadComputings mission to push the boundaries of compute performance.

I am very interested in exploring internship opportunities at AheadComputing for the summer of 2025 or beyond. Could you please let me know if there are any available openings or upcoming opportunities that match my background?

I have attached my resume for your reference and would greatly appreciate any information you could provide.

Thank you very much for your timeI look forward to hearing from you!

Best regards,

Vignesh