Alberto Martinez

CST407 – multi-core programming

Submitted to: Jim Long

Synopsis of - **Andre LaMoth on multi-core programming & AI**

This article starts out relevant to multi-core programming and then takes a radical shift into a brief discussion of AI and LaMoth’s ideas of things to come. The questions about multi-core programming were answered with some very good points made. A completely relevant idea was that the concepts of multi-core programming have been around ever since computers have been around. However the importance of these concepts has not been in demand until recently.

When I was looking for articles to write about, I stumbled across one that said “the free lunch is over.” Meaning that while the concepts and ideas of multi-core programming have existed for all this time, the need for programmers to learn and master the concepts has not been. Now that these new multi-core processors are being pushed onto the general public, important design issues and old but difficult work that would normally be pawned off to a faster processing solution is being pushed onto the programmers of today.

An interesting discussion in this article was the mention of the next paradigm shift. Spintronic and quantum processing was mentioned which is a great indicator that change is happening quickly because new ideas are already in the back of people’s minds. Clearly, the design of systems is going to change and facilitate efficient multi-core processing and very soon public demand will feed these efforts.

# Source

electricalfun.com. (2006 - 2007). *electricalfun.com*. Retrieved May 15, 2008, from electricalfun.com: http://www.electricalfun.com/lamothe\_article.htm