

California State University San Bernardino
School of Computer Science and Engineering

CSE 695 Independent Study Presentation

Date:

Friday, June 6, 2014

Time:

1:00 PM

Place:

JB-359

Title:

GPGPU TECHNOLOGY USING CUDA

Student:

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Advisor:

DR. ERNESTO GOMEZ

Abstract

Timing is so very important in technology, as well as in our academic and professional careers. We are an extraordinarily lucky generation of programmers who have the initial opportunity to capitalize on inexpensive, generally, available, massively parallel computing hardware. The impact of GPGPU (General-Purpose Graphics Processing Unit) technology spans all aspects of computation, from the smallest cell phones to the largest supercomputing on the world. I will cover some aspects of Sequence and Parallel programming techniques using CUDA by verifying one of Bioinformatics Problems.