

California State University San Bernardino
School of Computer Science and Engineering

CSE 595D Independent Study

Date

June 11, 2019

Time

2:00pm

Place

JB 359

Title

FPGA Design

Student

Jensen Gastelum

Advisor

Dr. Qingquan Sun

Abstract

FPGA's (Field Programmable Gate Array's) are used for their performance. Their performance comes from their unique make of CLBs (Configurable Logic Blocks) which are connected by I/O blocks. To implement a design on a FPGA a user must understand how to program in a HDL (Hardware Description Language) like Verilog. To design a project down to implementation a user must first gain an apprehension of their design then implement it onto a FPGA.