

Juan Ventura

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EDUCATION

Cal State Northridge – B.S Electrical Engineer, Spring 2021

SUMMARY

Self-motivated, hard working Electrical Engineer focused in Digital Design and programming, with foundation in C++, Python, VHDL and Assembly Language. More detail in Summary

EXPERIENCE

NONE PAID INTERNSHIP, PROJECT X CORROSION, MURRIETA, CA 2020- PRESENT

SCHOOL PROJECT EXPERIENCE

Created a stop light from scratch using the fundamentals of digital design. Used Flip Flops, K-maps, boolean algebra as well as MUX and DMUX.

SKILLS

Bilingual in Spanish, C++, Python, Orcad Pspice, Word, Excell, Matlab, Arduino, VHDL, Assembly Language.

COURSES

ECE 425 (Microprocessor): Studied microprocessor architectures and microcomputer systems using assembly language to design applications using microcontrollers.

ECE320 (Digital Design): Fundamentals of Digital Design such as boolean algebra, memory design, digital system organization, and sequential circuits.

ECE455 (Mathematical Models of EE): Used advanced mathematics to model and solve electrical engineering related problems in the areas of circuits, controls, electromagnetic and communication theories.

ECE206(Computing for Electrical Engineering): Programmed in C++ and NQC to solve algorithms and problems with emphasis in Electrical Engineering