# Alexander Martinez

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My GitHub ● https://alex3809.github.io ● My LinkedIn

## EDUCATION

**California State University Fullerton** | Bachelor of Science in Computer Engineering       Expected Graduation Spring 2026

## SKILLS

C++ | Linux | Windows  | Git | VS Code | VHDL | Multisim

## PROJECTS

**Blackjack - C++ - -** Blackjack.cc                                                                                              October 2022
- A program that computes the score for a hand of blackjack.
- Validates arguments, outputs the score given in the arguments.
- If the score is over 21 the program outputs Bust.

**ANSI & ASCII Animation -  C++  - -** Play_animation.cc                                               October 2022
- Reading the contents of an ANSI animation file and printing them to the terminal.
- Slow down the computer so the animation displays smoothly.

**Beautiful Noise - C++ - -** Make_message.cc                                                                   December 2022
- Create an animated GIF constructed from many individual images.
- Generate a series of images and save the series of images to an animated GIF file.

## EXPERIENCE / INTERNSHIPS

**Cashier**                                                                                                                              July 2022- Present
Pronto Cafe
- Serve as a barista, cashier and other responsibilities.

**Intern**                                                                                                                                            May 2023
ASSURE-US Summer Research - - Presentation
- Conducted research in the fields of power electronics and circuit simulation to to increase the efficiency of voltage multiplier circuits and their integration with DC to AC converters like the Cockcroft-Walton Multiplier.