

## ANTHONY DOAN

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## EDUCATION

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**California State Polytechnic University, Pomona** | Bachelor of Science in Computer Engineering | Expected Graduation: December, 2022

- GPA 3.78 / 4.0
- Relevant Coursework: C for Engineering; Object Oriented Programming; Data Structures and Algorithms; Verilog I; Microcontroller I; Electrical Circuit Analysis I-II; Signals and Systems; Digital Logical Design; Linear Algebra and Differential Equation

**Cypress College** | Associate of Science in Mathematics | Graduated May, 2020

- GPA 3.72 / 4.0

## SKILLS

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**Software Languages:** C++, C#, Python, Javascript, MATLAB, HTML/CSS, Android Studio

**Frameworks:** TailwindCSS, NextJS, React, NodeJS, mySQL, .NET

## PROJECTS

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### ***Restaurant Locator (C# | .NET)***

- Implemented Yelp's API to generate recommendations based on user input
- Designed GUI using C# winform with .NET framework
- Utilized IndexedDB for client-side storage

### ***Traffic Light Controller with use of System Timer (C | PIC18F4620)***

- Implemented with C code using MPLAB X into PICK-IT4
- Cooperated with a partner to design a traffic controller system that detects cars and the direction they want to turn
- Incorporated a switch that activates a crosswalk timer using a seven-segment display and a buzzer to help blind people hear the timer
- Used a photo sensor to sense whether the traffic controller is operating in Day Mode or Night Mode

### ***Todo Social Media Android App (Android Studio | Firebase)***

- Used Javascript, HTML, CSS on android studio for application development and customization
- Worked with APIs to connect spotify and youtube to add music
- Utilized Firebase database to store user app data, to access data on multiple devices
- Implement calendar, friend list, social media aspect on sharing todo list