

Christopher Trafton

Fresno, CA | 559-443-9068 | ChristopherSTrafton@gmail.com | [linkedin.com/in/christophertrafton](https://www.linkedin.com/in/christophertrafton) | chris-trafton.github.io

Education

California Baptist University, Riverside, CA
Bachelor of Science in Computer Science
Abet Accredited
Cumulative GPA 3.75

Expected Graduation Date: April 2025

Technical Skills

JAVA, C++, SQL, React, JavaScript MS Visual Studio Code, MS Visual Studio JetBrains IntelliJ, GitHub, MS Excel, MS Word, MS PowerPoint, Windows

Engineering Projects

California Baptist University, Riverside, CA

Drone Tracking AI Model

Spring 2024

- Developed an AI model to annotate humans in live stream videos
- Trained the model with annotated training data
- Connected the output stream to a flutter web app

Restaurant Database

Spring 2024

- Developed and programed a database for a restaurant to organize orders
- Created an Information Flow Diagram and Enhanced Entity Relationship Diagram
- Coded the database using SQL and ran on SQL Server

Personal Website

Spring 2023

- Developed and programed a personal website to be used as a project portfolio
- Coded the website using Html and JavaScript
- Utilized GitHub to host the website on a server

Automated Trash Can

Fall 2021

- Designed and programed an automated trash can working with a team of five
- Built a circuit on a raspberry pi with a sensor to detect sounds
- Coded the raspberry pi in C++ to turn on a light source on the board
- Operated with an EV3 to read the light with a sensor, then open the lid with an arm motor

Platformer in Unity Engine

Fall 2021

- Led a group of four engineering students to design, program and test a 2D platformer game
- Worked in C# to write game rules and controls
- Used the Unity Engine to design a level and gameplay

Work Experience

California Baptist University, Riverside, CA

Student Worker for Safety Services

January 2022 — Present

- Work the check in gate for the school campus, monitor the security cameras, and enforce vehicle violations

IntelliEvent, Monterey, CA

Software Engineering Intern

May 2024 — June 2024

- Develop and fix bugs for front/back-end features. Market software at trade shows and work with customers.

Leadership Experience

Boy Scouts of America, Fresno, CA

Eagle Scout

March 2016 — Present

- Worked for six years to achieve the rank of eagle, the highest earnable, achieved by only 4% of scouts
- Organized and led a community service project with Fresno Parks and Recreation
- Led as the Senior Patrol Leader, Assistant Senior Patrol Leader, Patrol Leader, and Quartermaster for my troop

National Youth Leadership Training (NYLT), Fresno, CA

Assistant Senior Patrol Leader of Program

January 2020 — July 2021

- Organized and taught as the Assistant Senior Patrol Leader of Program at NYLT
- Created the schedule for the week and organized all resources and staff accordingly