

JACKSON DAVIS

San Diego, CA



About Me

I am a dedicated and passionate programmer driven by the desire to grow and the opportunity to serve. I constantly seek to learn through solving problems, pursuing new skills, and innovating new projects to assist with everyday life. I possess a large set of skills and a larger capacity to learn, striving to always be prepared, perceptive, and productive in any situation that comes my way.



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jacksondavis.tech

EXPERTISE

- Programming (Python, C++, Java, HTML, CSS, Javascript, Twig, React)
- Computers and Microcontrollers
- Computer Vision and ML (Tensorflow, OpenCV)
- Web Design (Craft CMS 5, Astro, Generic HTML, React)
- Robotics Automation
- Electronics Prototyping
- CAD (Solidworks, Onshape, AutoCAD)

PROFESSIONAL + LEADERSHIP EXPERIENCE

California Baptist University (Sep. 2025-Present)

Tutoring & Teaching Assistant

- EGR 222 (Software Engineering) Tutor
- EGR 121 (Intro to Programming Using C++) Tutor
- EGR 101 (Introduction to Engineering) Teaching Assistant

California Baptist University (Sep. 2024-Present)

CBU Robotics Team - Senior Software Lead

- Autonomous navigation
- Multi-sensor localization fusion
- Serial communication
- Team leadership
- Project research and design
- Creating training materials

California Baptist University (Sep. 2024-Present)

School of Performing Arts

- Tech Ensemble management
- Employee scheduling
- Equipment inventory
- Event Pre-production
- Equipment diagnosis
- Recital setup and streaming

Shadow Mountain Community Church (2024-Present)

Production and Communications Department

- Craft CMS 5 development
- Embedded app integration
- Automation introduction
- Streaming solutions and network diagnosis
- Audio, video, and lighting events

Veritas Scholars Academy (2021-2025)

Lead Bot Technician

- Creation of modular multi-platform online moderation bot
- Webhook and API integration
- Hosting and regular maintenance
- Writing of online documentation
- Continuous feature introduction

FIRST Robotics (2018-2024)

FIRST Lego League & FIRST Tech Challenge

- Two time FLL SOCAL champions
- FTC Inspire Award Runner Up, Alliance Captain Runner Up at World Championships 2022
- Co-Captain (2023), Software Lead (2023-24)
- Extensive STEM community outreach

EDUCATION

California Baptist University

Bachelor of Computer Science - Cybersecurity Concentration

Minor of Computer Engineering

President's List

Residential GPA: 4.00

September 2024-April 2028

Veritas Scholars Academy

Dean's List 2021-2024

GPA: 5.0

Honors

2016-2024