



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, HTML5, C++, CSS, Java, Javascript, Twig)
- Computers and Microcontrollers
- Computer Vision and ML
- Web Design (Craft CMS 5, Astro, Generic HTML)
- Robotics Automation
- Electronics Prototyping
- CAD (Solidworks, Onshape, AutoCAD)
- 3D Printing
- Networking

PROFESSIONAL + LEADERSHIP EXPERIENCE

California Baptist University (Active Offers)

EGR 222 & EGR 121 Tutoring, EGR 101 Teacher's Assistant

California Baptist University (Sep. 2024-Present)

CBU Robotics Team - 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-Present)

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
2024-Present

Veritas Scholars Academy

Dean's List 2021-2024
GPA: 5.0
Honors
2016-2024