

## Joey Russell

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Get to know me more: [jbrussell.net](http://jbrussell.net)

### EDUCATION

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#### California Baptist University

Bachelor of Science in Computer Science

GPA: 3.7

Riverside, CA

September 2023 — April 2027

### EXPERIENCE

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#### California Baptist University

Audio Visual Technician

Riverside, CA

September 2024 — Present

- Maintain and manage sophisticated audiovisual equipment across campus facilities, ensuring optimal functionality in classrooms, conference rooms, and digital spaces
- Provide technical support and troubleshooting services to faculty and staff, improving technology utilization and minimizing downtime
- Implement preventive maintenance procedures to extend equipment lifespan and reduce technical issues

#### Uhaul Moving and Storage

Customer Service Representative

Location, CA

Aug 2022 — Sep 2023

- Delivered exceptional customer service by managing complex moving and storage requirements for diverse client needs
- Facilitated seamless customer interactions throughout the entire moving process, maintaining high satisfaction rates
- Developed expertise in logistics coordination and problem-solving while handling multiple customer requests simultaneously

#### RPG Offroad Inc

CNC Operator

Location, CA

Sep 2021 — Aug 2022

- Operated advanced CNC machinery to produce high-precision components, maintaining strict quality standards
- Interpreted complex technical blueprints and engineering specifications to ensure accurate production outcomes
- Managed equipment calibration and setup procedures to meet stringent project requirements and quality metrics

### PROJECTS

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#### SQL Database Server

(AWS, SQL, Jira - In Progress)

- Designed and deployed a SQL database server on AWS infrastructure
- Implemented secure database management practices and optimized query performance
- Developed efficient data storage and retrieval systems for scalable applications

#### College Study Mate

(Web Development, Database Design - In Progress)

- Created a comprehensive study platform for college students to collaborate and share resources
- Implemented user authentication, study group management, and resource sharing features
- Developed intuitive interface for managing academic schedules and study materials

#### Formula SAE EV Battery System

(C++, Embedded Systems)

- Designed and implemented battery management system (BMS) for Formula SAE electric vehicle
- Developed embedded code for battery monitoring and control systems
- Integrated safety protocols and monitoring systems for battery segments

#### FIRST Robotics Competition Projects

(C++, Hardware Integration)

- Led additive manufacturing initiatives for two years, optimizing component production
- Implemented control systems for competition robots using C++ and embedded programming
- Coordinated with team members to develop and execute competitive strategies

### LEADERSHIP

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#### FIRST Robotics Competition

Manufacturing Lead

- Led additive manufacturing operations for two consecutive years
- Managed team resources and coordinated production schedules
- Contributed to team's competitive success through innovative manufacturing solutions

### SKILLS

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#### Technical Skills:

- **Programming Languages:** C++, C, Java, Python, HTML, Node.js
- **Tools & Technologies:** AutoCAD, SolidWorks, Linux (Ubuntu, Kali), Excel
- **Cybersecurity:** Hack The Box, Kali Linux, Penetration Testing
- **Manufacturing:** CNC Operation, Equipment Setup, Engineering Drawings
- **Development:** Web Development, Embedded Systems, Computer Science

#### Professional Skills:

- **Industry Knowledge:** Information Technology, Computer Technology, E/M Coding
- **Interpersonal:** Problem Solving, Communication, Customer Service, Customer Interaction
- **Project Management:** Equipment Maintenance, Resource Coordination, Technical Documentation, Jira