

Joey Russell

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Get to know me more: jbrussell.net

EDUCATION

California Baptist University

Bachelor of Science in Computer Science

Riverside, CA

September 2023 — April 2027

EXPERIENCE

VETS, LLC

Business Development Intern

Remote

April 2025 — Present

Veteran-owned digital engineering and MBSE services provider supporting federal clients

- Collaborated with BD team to streamline RFI and proposal workflows using GPT-driven tools, cutting draft time by 30% and accelerating bid turnaround.
- Designed and implemented end-to-end automation pipelines integrating HigherGov → HubSpot → Zapier → Jira, improving deal-stage tracking accuracy, streamlining BD processes, and enhancing cross-functional collaboration.
- Developed custom Zapier code blocks and Power Automate HTTP hooks to auto-create and update Jira issues from HubSpot deal events, ensuring real-time visibility for BD and delivery teams.
- Evaluated CRM platforms (HubSpot, Odoo, ClickUp) through stakeholder workshops with Vice President and C-level executives, defining business requirements and migration strategy.
- Deployed AWS-based test infrastructure for integration proofs-of-concept, ensuring security, scalability, and maintainability of BD automations.
- Built an OpenAI assistant to surface relevant past proposals for the team, improving RFP response quality and consistency.

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.

RPG Offroad Inc

CNC Operator

Location, CA

September 2021 — August 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

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.

IGRIS – Your College Companion

(SwiftUI, Firebase, MVVM)

- Developed a productivity app for college students featuring task management, deadlines, and course association.
- Implemented Blackboard calendar sync and ICS feed support for automatic assignment imports.
- Designed modern dark-mode UI with purple accents using SwiftUI and a custom ThemeManager.
- Integrated Firebase Authentication, Firestore database, and cloud storage for seamless data sync.
- Architected with MVVM pattern and implemented a smart notification system for upcoming deadlines.

SKILLS

Technical Skills:

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