

Wyatt Jacobs

Integration & Automation Specialist

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<https://www.wyattjacobs.com/>

Accomplished self driven designer and programmer with 15 years of experience in the AV industry. Very focused independently and a team asset in collaboration. Skilled in communicating with team, vendors, and clients. Organized and detail-oriented to produce solid solutions within deadlines.

Work Experience **Director of Programming**

JD Audio and Video Design

October 2014 – Present

- Managed and oversaw the programming department; ensured timely and high-quality delivery of projects
- Designed, built, and programmed AV, lighting, HVAC, security, and phone systems for residential and commercial projects
- Create control systems for video walls and conference rooms
- Implemented a company-wide annual review process based on the MIT model
- Developed UX design and back-end code template
- Remotely support field technicians
- Quality check code from other developers
- Implemented SVN, program code repository for projects
- Implemented service ticket software for service department
- Implemented web software to enhance d-tools functionality

Programmer

Smart Home Systems

February 2010 – September 2014

- Designed, built, and programmed advanced home integration systems and networks for exclusive resort homes
- Integrated audio, video, security, and phone systems to provide a seamless user experience
- Built custom VoIP PBX systems with integration into AV and security

IT Specialist

Williams Plumbing

April 2008 – September 2009

- Maintained a network of 65 computers and 10 servers of both Microsoft and Linux operating systems
- Assisted employees with software and hardware issues, troubleshooting and repairing LCD monitors, printers, and cell phones at the component level
- Designed and maintained public and private websites to enhance online presence and customer engagement

IT Support, Automotive Mechanic

Montana IT Solutions- Owner

August 1993 – December 2010

- Provided full IT support for home users and businesses, from desktop help to server setup and maintenance
- Diagnosed and repaired various European and Asian automobiles; improved vehicle performance and reliability
- Programmed websites in PHP, HTML, and Java Script, including utilization of SQL databases; created high-quality user interfaces and data management tools

Certifications Biamp Tesira- 2018, Utelogy- 2018, Crestron Fusion- 2018, Crestron CTI-P301- 2017, Crestron CTI-P201- 2016, Crestron CTI-SG- 2016, Control 4- 2014, Savant- 2010, Crestron Essentials 2010

- Skills**
- Day to day: Utilized Zoom, Teams, Outlook, Microsoft Office, Libreoffice, FireFox, Chrome, and more to enhance productivity and collaboration
 - Programming: Designed, built, and programmed AV systems using Crestron, Control4, Biamp, Savant, Josh.ai, BSS, URC, RTI, Lutron, Dante, PHP, MySQL, Java Script, bash shell script & Microsoft batch, and more
 - Operating systems: Used Windows 3-11/Server 2003, Mac OS, Rocky Linux, Ubuntu, Debian, and more to provide reliable and efficient server management
 - Server software: Developed back-end code using Crestron VC-4, Apache, PHP, MySQL, Postfix, SAMBA, Asterisk, and more to improve system performance and stability
 - Desktop software: Utilized SIMPL, SIMPL+, VT Pro-e, toolbox, d-tools, GIMP, Inkscape, Filezilla, Duplicati, VirtualBox, VScode, Notepad++, InSSIDer, Wireshark, and more to design and manage systems
 - Hardware configuration: Configured web server, mail server, fax server, file server & RAID, and more to ensure reliable and secure system operation
 - Networking: Set up and configured Ubiquiti, Cisco, Packedge, Ruckus, & more. Configured routers, switches, WAPs, VLAN, ddns, and more to ensure reliable and efficient network operation
 - Security: Configured Interlogix, DSC, Ademco, performed Internet traffic analysis & penetration audits to ensure system and network security

Authorized to work in the US for any employer