

CONTACT

516-269-2020

michaelhaynes@me.com
www.michaelhaynes.me

ONLINE RESUME

www.michaelhaynes.me/resume

WORK EXAMPLE

www.michaelhaynes.me/examples

Social

LINKEDIN

[Profile - michaelshanehaynes](https://www.linkedin.com/in/michaelshanehaynes)

INSTAGRAM

[audiovisual_programming](https://www.instagram.com/audiovisual_programming)

VIMEO

[@_MichaelHaynes](https://vimeo.com/user33333333)

FACEBOOK

[MichaelHaynes](https://www.facebook.com/MichaelHaynes)

X

[@_MichaelHaynes](https://www.x.com/_MichaelHaynes)

HOBBIES

- Photography
- Coding / Programming
- Running / Jogging

MICHAEL HAYNES

ABOUT ME

I specialize in **Crestron, Extron, AMX, Biamp, QSC, and Swift**.

I have a proven track record of designing, programming, and supporting cutting-edge AV solutions that exceed client expectations.

I am proficient in: **C#,Lua, JSON, HTML5, Python, Photoshop, Premiere Pro, AutoCAD,Visio, Audio DSP, & Content Creation.** I am committed to delivering high-quality, tailored solutions that meet customers unique needs. Expert in control systems with strong IT and networking skills, meticulous coding standards, and eligibility to pass all **required background** and driving **record checks**.

Beyond my audiovisual experience, I have been recognized by **LinkedIn** as being among the **top 5% of all global users for 2025**, reflecting consistent engagement, industry contribution, and thought leaderships.

Examples

[Biamp and QSC Audio DSP](#)

[Touch Panel / AV Designs, and Code Examples](#)

[Digital Content - Photos & Videos](#)

Education

Bachelor of Science	Electronic Engineering Technology	Western Carolina University
Associate Degree	Electronic Engineering	Southwestern Community College
Associate Degree	Computer Engineering	Southwestern Community College
Associate Degree	Liberal Arts	Southwestern Community College

Activities

Treasurer of Student Government Association (SGA)
Synergetic Audio Concepts Member (SynAudCon)
Elite AVIXA Member
Dean's List & President's List - Electronic Engineering core classes (EET) GPA 3.62
Novell Networking Technologies

Experience

Certified Audiovisual Freelance Programming
From/To 9/2018 – Present

Keeley Companies
Software Engineer (AMX, Crestron, Apple, Biamp, Utelogy / Java & C# Programming)
Reason for leaving
Safety concerns & and my well-being at a job site location — inappropriate activity.
Also, problems with the company to generate independent sales.
Specific duties - AMX, Crestron, Biamp, and ClearOne programming and commissioning. I configured DSP systems (Biamp /ClearOne) and AMX/Crestron from beginning to final commissioning.

Private development project directly with Utelogy (Visual Studio / C# Programming)
From 2/1/17 - 5/1/17

Private development project directly with AMX
Summer 2016

Code Creative XL | Position: Engineer / Programmer and Owner
Location: worldwide | From 4/1/08 - 5/1/16
Specific duties - I coordinate with the technical services, implementation to assure proper scheduling and integration of systems. Manage budgets, timelines in order to successfully execute the overall project plan and system programming. I was responsible for creating equipment lists, floor plans, rack, detailed audio, video and control diagrams, control system programming and implementation of Biamp systems.

Barad AV | Location: New York

Position: Programmer | From/To 12/2006 – 11/2007

Reason for leaving

I was laid off due to the amount of work, at that time and the economy was slowing down.

Specific duties - I designed and installed audio/visual systems and maintained client systems/equipment. I provided technical help for A/V systems and programming of AMX and Crestron systems and touch panel layouts.

College (Western Carolina University)

From/To 7/2005 - 8/2006

Long Communication Location: Winston Salem NC

Position: Engineer / Programmer | From/To 12/2004 – 7/2005

Reason for leaving - Corporation was changing owner/name and I was going back to college to get my BS in EET

Specific duties - I designed A/V systems with AutoCAD and programming commercial AMX and Crestron control systems. I handled a project from design to final development and deployment of system. Duties include engineering and programming high end Audio/Visual computer controlled presentation systems.

Integrated Electronic Environments Location: Naples FL

Position: System Designer Engineer/Programmer | From/To 12/2000 – 10/2004

Reason for leaving - Corporation went out of business

Specific duties - I provided technical help for A/V systems. Programming for AMX and Crestron systems. Focused on high-end custom residential systems. Complex whole house AV/ control integration, wireless networking, lighting system, and shade integration. I designed and program the custom interfaces to meet the customers needs based on the operations criteria.

Advanced Audio Video Location: Franklin, N.C.

Position: AV technician and Programmer | From/To 2/1999 – 11/2000

Reason for leaving - New job as a control system programmer

Specific duties - I worked as a technician working on finishing the customer's contract. Setting up, operating, reviewing project documentation and installing audiovisual systems systems

AMX / SVSI / BSS / Harman Certifications

- **HCCP Control Professional Programming**
- HCCA Control Associated Programming
- HCCP Professional Design
- **Java Café Duet**
- HCCA Control Associated Design
- HCCP Control Professional Integration
- HCCA Control Associated Commissioning
- HCCA Control Associated Management
- HCCA Networked AV Associate Digital Signage
- HCCP Control Professional Commissioning
- SVSI Certified HCCP Networked AV Professional Commissioning

- **AMX Solutions Master (ASM) - ACE Certified Control Expert (ACE-E)**



- ACE-DS, ACE-I, ACE-P, ACE-RMS (control system design expert) /ACE RMS Enterprise Expert
- Expert AMX Integrated Solutions Certification (ACE-INT)



Crestron Certifications

- **Crestron Gold Master Certified Programmer (CMCP-G)**
- Crestron DigitalMedia Networking Certification **DM-NVX-N**
- **Pass Crestron SIMPL Sharp Pro Entrance Exam**
- Silver Master Certified Programmer (CMCP-S)
- Technical Institute Certified Programmer
- Certified Digital Media Engineer 4K – DMC-E - 4K
- DMC-E 4K (Certified Digital Media 4K Engineer)
- DM NVX Design and Commissioning



AVIXA / Infocomm Certifications

QSC Certifications

- Q-SYS Level 1
- Q-SYS Control 101
- Q-SYS Cinema Level 1
- Q-SYS Level 2
- Q-SYS Control 201



Biamp Systems Certifications

Biamp Certified Master Programmer

- Biamp Certified Audia Programmer
- Biamp Certified Tesira Programmer
- Biamp Vocia Certified
- TesiraLUX Certified
- TesiraFORTÉ Certified



ClearOne Certifications

- ClearOne Pro Audio Technical Specialist
- ClearOne Media Collaboration Technical Specialist
- ClearOne Spontania Media Collaboration Technical Specialist

Synergetic Audio Concepts (Synaudcon)

- Certified Synergetic Audio Concepts Audio Technician
- Sound Reinforcement For Technicians (3-day class), Orlando, FL
- Certified Digital Audio Designer (3-day class) North Haven, CT
- OptEQ Equalization Demystified (3-day class), Orlando, FL



Extron Certifications

- Extron AV Associate Certification
- **Extron Authorized Programmer** (2024)
- ECP Programmer (2023)
- Using Visual Studio Code for Extron ControlScript Projects
- ECP EI Online (2023)



Microsoft Visual Studio / Live

- Visual Studio Live (Las Vegas)
- Visual Studio Live (Online 2020, 2021,2022)
- Dot-net Conference (Online 2018, 2019, 2020,2022)
- Visual Studio Live (Microsoft HQ Seattle)
- Visual Studio Live & Microsoft 360 (Orlando 2021 & 2022)



Linkedin Learning

- Python Object Oriented Programming
- Python Essential Training
- Python Essential Training



Apple Worldwide Developers Conference

- *Online 2020, 2021 & 2022, 2023, 2024, 2025*



Professional Expos Seminars

AMX, Crestron, Infocomm / AVIXA

- Management summit - Crestron: Preparing for the Network Generation, Audio and Video Streaming Using Established IP Standards, Crestron: UC - Solutions For Every Space, Network and Device Security in AV/IT Environments, Crestron: Virtual Control That Works, Beyond the Touch Screen: The Next Generation of UX, Designing AV Interfaces for Usability, Crestron: Connecting People, Space, and Technology: Scheduling and Digital Signage, Using a Mix-Minus to Optimize Meeting Room Systems

Infocomm International / Cedia / HANA Courses

- Infocomm International - **Facilities Design** - Fairfax, VA
- Infocomm International - Installation online
- CEDIA Installer Essentials Course
- CEDIA Designer Residential Boot Camp Course
- Home Automation & Networking Association (Electronic House Spring Expo)
- Infocomm International Show

Biamp Courses

- Audia Programming - Beaverton, Oregon
- Tesira Programming - Beaverton, Oregon
- Vocia Programming - Beaverton, Oregon
- Tesira Programming - Beaverton, Oregon
- TesiraLUX Certified Online

- TesiraFORTÉ Certified Online

ClearOne Courses

- Pro Audio course
- Media Collaboration

Lutron Courses

- Residential Interactive System
- Advanced Residential Certification
- Advanced Programming

Professional AMX Courses

- Programming I
- Programming II
- **Programming III**
- Design (ACE-D)
- Installation Certification (ACE-I)
- Digital Signage Certification (ACE-DS)
- **Integrated Solutions Certification (ACE-INT)**
- Building JAVA Modules using **Café Duet**
- **Control Programmer II**
- **Signal Management**
- **RMS Configuration & Programming**
- TPD4 UI Design
- **Inspired XPress End User Operations**
- Network **and** Wireless Troubleshooting
- **Inspired Xpert**
- RMS Enterprise for Installers & IT Personnel
- RMS Enterprise for Administrators & Users
- RMS Enterprise for Programmers
- Enova Solutions Design & Implementation
- **ASM Integrated Solutions**
- DevCon **Advance Training VIP**
- Building JAVA Modules using **Café Duet**
- AMX Designer | Control System Design for AV Professionals
- AMX Installer | Control System Commissioning for AV Professionals
- Java **Café Duet**
- ND232: SVSI Designer - Networked AV Design for AV Professionals

Professional Crestron Courses

- SIMPL# and SIMPL#Pro training & certification (Rockleigh, New Jersey)
- DM NVX Design and Application (DM-NVX)
- Essentials of Crestron Programming
- Intermediate Crestron Programming
- Programming For Certification
- System Builder
- Crestron Masters
- Lighting Control System (D3-Pro)
- System Builder
- Digital Media Special Event Training
- Commercial System Design
- Digital Media System Design
- Advanced System Builder
- Lighting Control Systems
- Digital Media DMC-D
- Prodigy
- Digital Media DMC-E
- Digital Media DMC-T
- Commercial Lighting Controls Certified (CLC-C)
- Digital Media Road Show Seminar-Setting the Standard
- SystemBuilder
- Road Show Seminar for - New Products / Applications Preview and updated
- Core System Programming - Featuring Crestron Studio
- Core System Programming CTI-P201
- Smart Graphics Training CTI-SG
- Fusion Programmer (CTI-FUSION-P)
- Advanced Programming Skills CTI-P301
- DM 3.0 4K Road Show
- Crestron DigitalMedia Networking Certification DM-NVX-N
- How to Integrate and Maintain Crestron Systems
- Crestron Certified Audio Technician
- Avia Audio Solutions: DSP integration within today's professional system environment

