

## CONTACT

516-269-2020

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## ONLINE RESUME

[www.michaelhaynes.me/resume](http://www.michaelhaynes.me/resume)

## WORK EXAMPLE

[www.michaelhaynes.me/examples](http://www.michaelhaynes.me/examples)

# Social

## LINKEDIN

[Profile - michaelshanehaynes](#)

## INSTAGRAM

[audiovisual\\_programming](#)

## VIMEO

[@\\_MichaelHaynes](#)

## FACEBOOK

[MichaelHaynes](#)

## X

[@\\_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](#)

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## Education

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

## Activities

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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

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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

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- **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

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### Biamp Certified Master Programmer

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



## ClearOne Certifications

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

## Synergetic Audio Concepts (Synaudcon)

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- **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

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- 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

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- **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

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



## Apple Worldwide Developers Conference

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



## Professional Expos Seminars

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### **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

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- 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

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

- TesiraFORTÉ Certified Online

## ClearOne Courses

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- Pro Audio course
- Media Collaboration

## Lutron Courses

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- Residential Interactive System
- Advanced Residential Certification
- Advanced Programming

## Professional AMX Courses

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- 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

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## Professional Crestron Courses

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- 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

