

# **Erik Murray**

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(716) 597 – 1421; [erikjmurray@gmail.com](mailto:erikjmurray@gmail.com)

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## **Objective:**

Versatile individual with strong problem-solving skills. Seeking challenging position to maximize my potential.

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## **Education:**

College:	State University of New York at Fredonia
Dates Attended:	August 2010 – May 2014
Majors Completed:	B.S. Sound Recording Technologies B.A. Applied Music, Voice
Professional Certifications:	Audinate – Dante Level 2 CompTIA – AutoCAD and A+ Paessler – PRTG NMS software management MITx – Computer Science and Programming using Python

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## **Work Experience:**

### **New York Public Radio – *Broadcast Engineer, Maintenance***

November 2014 – Present

#### Responsibilities:

- First engineer on duty. Perform several systems checks, provide support for early morning live broadcasts, and send a daily report of my findings to the engineering department
- Manage engineering NMS by gathering SNMP based information from networked units to monitor the health of our systems
- Correct technical problems in a fast paced environment in order to minimize loss of air time
- Adept with troubleshooting tools such as: oscilloscopes, Fluke, Wireshark, waveform analyzers, etc.
- Resolve Helpdesk tickets for user-reported problems in the studios
- Communicate solutions to non-engineering staff in uncomplicated terms
- Install new technologies and create procedural documentation for systems such as:
  - IP Codecs, STLS, Burk Transmitter Control Units, T1 and EPL Infrastructure, SAS and Axia Routing and Control Systems, Evertz Video Routers and Time Code Distribution Amps, etc.
- Build several redundant paths to create potential work-arounds in case of equipment failure
- Maintain network connectivity and control of eight transmitter sites
- Optimize the transmitter control Graphic User Interface for Master Control Engineers
- Read technical manuals and call manufacturers to verify project design
- Create and maintain AutoCAD drawings and associated wire lists
- Cable fabrication and installation

### **Sear Sound – *Recording Intern***

June 2013 – August 2013

#### Responsibilities:

- Aid in room set up/tear down i.e. cable runs, microphone arrangement, and drum kit assembly
  - Equipment maintenance such as soldering cables, fixing headphones, and re-tubing microphones
  - Set up ProTools sessions, learn advanced signal flow, observe and assist sessions
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**Additional Experience:****Mason Hall Studios:**

- In-studio responsibilities:
  - In-depth patchbay operation
  - Advanced microphone placement techniques
  - Interpersonal work with musicians and producers
  - Mixing/mastering “in the box” and on outboard gear
- Intermediate/advanced knowledge of the following DAW and Music Creation Programs:
  - Avid’s ProTools, Apple’s Logic Pro, Ableton, Magix Samplitude, Sequoia, PureData, Reaktor

**Tönmeister Association:**

- Studio management responsibilities:
  - Keep the boards normalled and the studios tidy
  - Maintain accurate inventory of the equipment closet
  - Document arrival and departure of engineers and clientele

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**Skills:**

- Driven individual, self-starter, quick learner, and dedicated employee
  - Excellent file management skills
  - Commandline scripting using Python
  - Extensive experience with Raspberry Pi and Arduino using PuTTY and WinSCP
  - Proficient in G-Suite, MS Word, Excel, Visio, SharePoint, and PowerPoint
  - Confident understanding of PC and Mac OS
  - Competent with power tools
  - Trained classical musician
  - Intermediate piano and guitar skills
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