

# Philip Monroe

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## OBJECTIVE

To incorporate Computer Science into the development of audio technologies.

## EDUCATION

Ohio University

- Majoring in Computer Science; Audio-Music Production
- Minor in Music; Mathematics
- Anticipating graduation June 2011

## SYSTEMS EXPERIENCE AND PROFICIENCY

Operating Systems	Programming Languages	Software
<ul style="list-style-type: none"><li>• Mac OS X</li><li>• Linux<ul style="list-style-type: none"><li>▪ Ubuntu</li><li>▪ Fedora Core</li></ul></li><li>• Microsoft Windows<ul style="list-style-type: none"><li>▪ XP</li><li>▪ Vista</li><li>▪ 7</li></ul></li><li>• Sun Solaris</li></ul>	<ul style="list-style-type: none"><li>• C/C++</li><li>• Java</li><li>• Assembly</li><li>• Ruby</li><li>• Ruby on Rails</li><li>• HTML</li><li>• CSS</li><li>• UNIX Scripting</li></ul>	<ul style="list-style-type: none"><li>• Microsoft Office</li><li>• ProTools LE / HD</li><li>• Logic Studio 8 + 9</li><li>• MatLab</li><li>• TextMate</li><li>• Emacs</li><li>• NetBeans</li><li>• Martin Light Jockey</li></ul>

Audio Equipment	Other
<ul style="list-style-type: none"><li>• Analog Consoles and Outboard Gear<ul style="list-style-type: none"><li>▪ Rupert Neve 5088 Console</li><li>▪ Rupert Neve Portico 5032 Mic Pre</li><li>▪ Allen&amp;Heath MixWizard Consoles</li></ul></li><li>• Yamaha Digital Consoles<ul style="list-style-type: none"><li>▪ PM5D / PM5D-RH</li><li>▪ M7CL</li><li>▪ LS9</li></ul></li><li>• Line Arrays<ul style="list-style-type: none"><li>▪ QSC</li><li>▪ Adamson</li></ul></li><li>• PA Equipment<ul style="list-style-type: none"><li>▪ Meyer Sound</li><li>▪ EAW</li><li>▪ Midas</li></ul></li><li>• Metric Halo Recording Interfaces</li></ul>	<ul style="list-style-type: none"><li>• Custom Computer Design + Repair</li><li>• DMX Lighting Protocol</li><li>• Intelligent Lighting Equipment</li><li>• Web Application Design</li><li>• Stageline SL100 Hydraulic Stage</li></ul>

## Websites

- [www.philmonroe.com](http://www.philmonroe.com)
  - Personal website used for general information and distribution of personal works
- [mediacal.rickyhilcott.com](http://mediacal.rickyhilcott.com)
  - Scheduling application for the Ohio University School of Media Arts and Studies' recording studio
- [getit.brannigandastardly.com/](http://getit.brannigandastardly.com/)
  - Digital distribution application for Brannigan Dastardly's EP Customers buy a card with a code and can download the EP from the website

## *PROFESSIONAL EXPERIENCES*

Head Sound Engineer – Ohio University School of Music  
Athens, Ohio – November 2007 to Present

- Originally hired as Recording Engineer, Promoted in Spring 2009
- Record School of Music events in studio and on location
- Experiment with recording equipment and classical microphone techniques
- Schedule and maintain a small recording studio with 5 employees

Intern / Live Sound and Lighting Engineer – Studimo Productions  
Ashland, Kentucky – May 2007 to Present

- Setup stages, lighting and PA systems for concerts and events
- Worked with many national touring acts
- Drive and pack large box trucks

Lighting Designer – Johnstown-Monroe High School Marching Band Varsity Show  
Johnstown, Ohio – November 2006, 2007, 2008, 2009

- Help with the construction of the set and lighting placement
- Programmed intelligent lighting fixtures

Sound Engineer – Little Miss Firecracker Pageant  
Johnstown, Ohio – June 2006, 2007, 2008

- Setup and ran the sound and lighting systems for the local contest

Trumpet Instructor – High School Marching Bands

- Olentangy Orange 2008
- Johnstown-Monroe 2007, 2008
- Taught the fundamentals of marching and playing the trumpet to high school aged children
- Acted as camp counselor for high school band students

Producer and Mixing Engineer – Ohio University Marching 110 Ohio Theatre CD/DVD  
Athens, Ohio – November 2009

- Planned the logistics for recording video and multitracking the live performance
- Oversaw a team of recording engineers, cameramen, mixing engineers and video editors

## *AWARDS AND ACTIVITIES*

Ohio University Marching Band  
Athens, Ohio – Fall 2006 to Present

- Equipment Staff 2008
- Equipment Staff Chair 2009
  - In charge of Equipment Staff of 6 people
  - Organized the packing of busses and equipment truck
  - Planned the logistics of trip to California
- Matt Brunner Award – 2008
  - Presented to the trumpet that embodies the attitude and work ethic of the Marching 110

Audio Engineering Society Member

- Attended Student Summit in St. Louis – 2008, 2009
- Won the Classical division of the Recording Competition in 2009

## *REFERENCES*

John Griffiths, Owner/Sound Engineer, Studimo Productions, 606-922-0380

Marc Zirille, Band Director, Olentangy Orange High School, 740-657-5180

Dr. Michael Parkinson, Director, Ohio University School of Music, 740-593-4244

## *COMPLETED COURSES*

CS 210	Programming In C	MATH 410	Matrix Theory
CS 240A	Intro To Computer Science	MUS 100	Intro To Music Theory
CS 240B	Intro To Computer Science	MUS 101A	Music Theory
CS 240C	Intro To Computer Science	MUS 102A	Music Theory
CS 265	Computer Ethics	MUS 124	History Of Rock Music
CS 300	Intro Discrete Structures	MUS 125	Intro To History & Lit
CS 361	Data Structures	MUS 251A	Marching Band
CS 404	Design and Analysis of Algorithms	MUS 251C	University Concert Band
CS 406	Computation Theory	MUS 251D	Varsity Band
CS 475	Internet Engineering	MUS 415	Microcomputer Applications in Electronic Music
EE 102	Intro To Comp. Engineering	MUS 428	Jazz History
EE 304	Basic Electrical Engineering Lab I	PED 129	Golfing
EE 313	Basic Electrical Engineering I	PED 130	Bowling
EE 395A	Intermediate Electrical and Computer Engineering Design	MDIA 101	Introduction To MDIA
ENG 151	Freshman Comp	MDIA 105	Intro To Mass Communications
GER 111	Elementary German	MDIA 203	Media & Creative Process
GER 112	Elementary German	MDIA 204	Business Of Media
PHYS 251	General Physics	MDIA 205	Media Analysis & Criticism
PHYS 252	General Physics	MDIA 220	Intro To Audio Production
PHYS 253	General Physics	MDIA 308	Technical Basis-Telecomm
PHYS 427	Electricity and Magnetism	MDIA 313	Field Audio Production
MATH 263A	Calculus I	MDIA 486	Recording Industry Survey
MATH 263B	Calculus II	MDIA 486	Recording For Musicians
MATH 263C	Calculus III	MDIA 486	Entertainment Finance and Law
MATH 263D	Calculus IV	THAR 437B	Sound Production
MATH 340	Differential Equations		

## *CURRENT COURSES*

CS 450	Advanced Object Oriented Design and GUI
EE 467	Advanced Microprocessors
ECON 103	Introduction to Microeconomics
MATH 448	Introduction to Waves and Wavelets
MDIA 413	Commercial Record Production