

| Lighting Design | Director | Producer | Year |
|------------------------------------|----------------------------|-------------------------------|------|
| <i>Side Show</i> | Bob Francesconi | UNC School of the Arts | 2016 |
| <i>La Tragédie de Carmen</i> | Nic Muni | A.J. Fletcher Opera Institute | 2016 |
| <i>Emerging Choreographers '15</i> | Kim Fulmer/Savannah Spratt | UNC School of the Arts | 2015 |
| <i>Good</i> | Quin Gordon | UNC School of the Arts | 2015 |
| <i>Willy Wonka</i> | Caleb Blackerby | Mill Race Theatre Company | 2015 |
| <i>Wind in the Willows</i> | Caitlin Smith | Mill Race Theatre Company | 2014 |
| <i>The Sound of Music</i> | John Johnson | Mill Race Theatre Company | 2013 |
| <i>Spring Dance Revue</i> | Mandy Shaff | Christie's Dance Studio | 2013 |
| <i>The Nutcracker</i> | Alma Wiley | Dancer's Studio, Inc. | 2012 |

Video Design

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|-----------------------------------|---------------------------|-------------------------------|------|
| <i>Reflections of Time</i> | Norman Coates, Exec. Dir. | Winston-Salem Light Project | 2017 |
| <i>Florencia en el Amazonas</i> | Nic Muni | A.J. Fletcher Opera Institute | 2017 |
| <i>Photonapalooza '16: Disney</i> | Norman Coates, Exec. Dir. | UNC School of the Arts | 2016 |
| <i>Eurydice</i> | Ethan Nienanber | UNC School of the Arts | 2016 |
| <i>Photonapalooza '15: Bond</i> | Ben Ableman, Designer | UNC School of the Arts | 2016 |

Additional Credits

| Additional Credits | Position | Supervisor | Year |
|--|-------------------------------|------------------------------------|------|
| <i>A Christmas Carol</i> | Video System Engineer | Liza Vest, Production Manager | 2016 |
| WorldStage (SharffWiesberg) | Technology Specialist | TJ Donoghue, Integrations Director | 2016 |
| <i>Amor Brujo Postmoderno (NYC)</i> | Associate Lighting Designer | Oskar Espina-Ruiz, Director | 2016 |
| <i>Photonapalooza '15: Bond</i> | Projections Programmer | Michael Kohler, Proj. Sys. Engr. | 2015 |
| <i>A Christmas Carol</i> | Projections Programmer | Liza Vest, Production Manager | 2015 |
| <i>White House Halloween '15</i> | Projectionist | Michael Kohler, Proj. Programmer | 2015 |
| <i>The Consul</i> | Prod. Elec., Proj. Sys. Engr. | Noah Trimner, Lighting Designer | 2015 |
| <i>Angels in America (Part 1)</i> | Projections Programmer | Noah Trimner, Proj. Sys. Engr. | 2015 |
| <i>Photonapalooza '14: The Beatles</i> | Projections Programmer | Michael Kohler, Proj. Sys. Engr. | 2014 |

Theatrical Apps

| Theatrical Apps | | Year |
|-------------------------|--|------|
| <i>DarkSpot</i> | Reverse follow-spot solution for WATCHOUT using game controllers on Windows | 2015 |
| <i>OnStage for iPad</i> | Theatrical SFX playback for regional/school theatre and marching bands on iPad | 2014 |
| <i>Stagehand</i> | Rosco, Lee, Apollo, and GAM color swatch book app for iPhone | 2010 |

Skills and Qualifications

Vectorworks 2D/3D • AutoCAD 2D • Basic Maya 3D • Hand Drafting • Lightwright • d3 Media Server
WATCHOUT • QLab • iWork • Photoshop • Illustrator • After Effects • Motion • Final Cut Pro
MIDI/SMPTE Show Control • Open Sound Control • TCP/IP Networking • Eos Family Consoles
Reading Music • U.S. Driver's License • U.S. Passport • iOS/Java App Development and Design

BFA in Design and Production with a focus in Lighting Design (Candidate, Class of 2017)
University of North Carolina School of the Arts in Winston-Salem, NC

References

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| Norman Coates Head of Lighting Program UNC School of the Arts | Nic Muni Artistic Director A.J. Fletcher Opera Institute | Michael Kohler Senior Technology Specialist WorldStage |
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Contact information is available upon request via email (pangle@me.com) or phone (812 344-7685).