

Brian R. Moon

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www.moon-o-vations.com

My goal is to create innovative products with the end-users in mind. I believe in using the latest technologies to brighten the world's stages and spark people's imaginations as far as what is possible.

EXPERIENCE

CO-OWNER/ VP OF PRODUCT DEVELOPMENT, Canto USA, LLC

September 2017 – August 2022

Lead Inventor, Co-Owner, and Product Designer of Canto USA, LLC. Design and concept for the RETRO Fusion, RETRO Passive, RETRO HPL, and the Aurora X1 and A1 LED followspots. Product Designer and Developer, Product & Project Manager. Perform basic mechanical, thermal, and optical engineering, 3D CAD drafting, product testing, technical services, research and development, marketing consulting, patent research and writing, and product concept. Daily operations and assisting employees with product builds, questions, and testing. Provide technical services and create user manuals.

FOUNDING CO-OWNER/VP OF PRODUCT DEVELOPMENT, RLED

March 2013 – September 2017

Co-Founder/Owner and Designer of the RETRO Series of Products, including The RETRO 150, RETRO 300, RETRO 500, and RETRO 700 Classic. Product Designer and Developer, Product & Project Manager. Performed basic mechanical, optical, and thermal engineering, 3D CAD drafting, product testing, technical services, research and development, marketing consulting, sales, patent research and writing, and product concept.

SALES REPRESENTATIVE/SYSTEMS INTEGRATOR, AKT3 Company

November 2010 - September 2017

Manufacturer sales rep for ETC, Color Kinetics, Strong Lighting, DeSisti Rigging, SSRC, and other manufacturers. Problem-solve with customers, specifiers, and engineers depending upon the situation to find the right lighting solutions for their venues. Demonstrate and discuss pros and cons of certain products with clients to facilitate their choices.

FIELD SERVICE TECHNICIAN, AKT3 Company

June 2008 – November 2010

Technician for multiple ETC, Color Kinetics, and DeSisti Rigging Installations and did the certified turn-ons. Program EOS family consoles and Pharos Control Systems. Perform low-voltage terminations, maintain as-built drawings, program architectural control systems, and coordinate site visits and issues with electrical contractors. Train end-users on proper maintenance practices and repairs.

MOVING LIGHT TECHNICIAN/PROGRAMMER, Special Event Services

March 2008 – October 2010

Travel on the road part-time doing one-off gigs and programming lights on various shows ranging from Joel Olsteen, Hootie and the Blowfish, Darius Rucker, to Katt Williams. Regular travel with Joyce Meyer Ministries as an Electrician/Moving Light Technician.

HEAD ELECTRICIAN, NETWORKS Presentations/"The Producers" National Tour

March 2007 – February 2008

Load-in lighting equipment for "The Producers" national tour, supervise set up of the equipment and moving lights, and repair/maintain lighting equipment. Supervise one other traveling employee and up to twelve local stagehands. Repair fog machines and focused moving lights. Ran the lights during all performances.

HEAD ELECTRICIAN, VEE Corporation/"Sesame Street Live: Elmo Makes Music" National Tour
June 2006 – February 2007

Load-in lighting equipment for "Sesame Street Live" national tour, supervise setup of equipment and focus of moving lights, call followspots during all performances, and repair/maintain lighting equipment. Supervise two traveling employees and up to ten local stagehands.

EDUCATION

BFA, LIGHTING TECHNOLOGY, UNIVERSITY OF NORTH CAROLINA, SCHOOL OF THE ARTS
2002 - 2006

Relevant coursework included: Stage Electrics I - III, Hand Drafting, Welding, AutoCAD, Lighting Design, Stage Automation, Production Management, Stagecraft, Costume Fundamentals, Scenery Fundamentals, Lighting Fundamentals, Production Work, Color & Design, Drawing, and Sculpture.

CERTIFICATIONS

- 2009: ETC Paradigm Training
- 2008: ETC Field Technician Certified (Old Unison, Sensor+)
- 2006 & 2008: Vari*Lite Moving Light Repair Certified Technician
- 2004: High-End Systems Moving Light Repair Certified Technician

SKILLS

- 3D CAD – Experience with Alibre Design
- 3D Printing/Prototyping
- CNC Cutting (Router – wood, plastic, aluminum)
- Soldering Electronics
- ETC/EOS family of consoles
- High-End Systems Whole Hog 2 console
- Patent Applications & Writing (5 granted patents)
- Product design and project management from inception to completion
- Public Speaking/Training
- Welding: MIG, TIG, Stick, Oxy
- Metalwork/fabrication

PATENTS:

- MODULAR LED RETROFIT LAMP SYSTEM US 10,036,519
- MODULAR LED RETROFIT LAMP SYSTEM US 10,344,926
- MODULAR LED RETROFIT LAMP SYSTEM US 10,508,782
- MODULAR LED LAMP SYSTEM US 11,353,172
- ALLOWED: LENS-FITTED RETROFIT LED LAMP SYSTEM 16/953,683
- PENDING: MODULAR LED IMAGING PROJECTOR AND OPTICAL SYSTEMS 17/173,652

ACTIVITIES:

- Volunteer, St. Bernadette's Summer Theatre Program, 2002-2019 (Lighting Design)
- Hobby, Movie Prop Replica Building (Ongoing since Kid)
- Hobby, Stand-Up Comedian (2005-2007)