

Benjamin Edwards

Production Rigging | Touring Rigging Technician
Rope-Access Technician | Automation Technician
A2 (Audio Assist) | RF & Clear-Com Technician
Scenic Carpenter | Audio & Lighting Technician

EXPERIENCE:

SGPS/ShowRig

2024-Present



At **SGPS ShowRig**, I am a **Rigging/Automation-Technician & Carpenter** in the **Touring Department**.

I work with automation racks, motors, chain hoists, winches, custom truss structures, transformers for electrical distribution & automated systems that can move/lift stages, truss structures, aerialists/performers, stage-turntables, self-lifting structures & counterweight structures.

For Touring Concerts, it begins with preparation at the shop which includes inspecting all equipment, testing & maintenance if needed. Once everything is validated in a working operation, we load a truck and head on the road usually to rehearsals.

I will then lead a crew for load in, unload multiple trucks, can draw out a floor map for rigging points, run cable, assemble truss, assist with local rigging labor, run chain hoists to trim, work with automation to move winches, fly performers and run cue's during live-show productions.

I've been able to work on **FEID Tour 2024, American Music Awards 2025, RISE FESTIVAL, Young Thug Summer Smash, Laufey Tour 2025 & When We Were Young Las Vegas.**

"Awakening"

Wynn Las Vegas

2024--2025



As a **Rigging-Technician** at **The Wynn Las Vegas "Awakening"**, I worked with an automation/rigging team to inspect, maintain & operate heavy machinery that operates in an X-Y axis. These machines use Electromagnetic, Asynchronous & Synchronous Motors that redirect wire-rope lines vertically, diagonally & horizontally (similar to a carousel) through pulley's that then help lift scenic pieces, structures & also "fly" aerialists/performers.

Then, with programming we can control acceleration & deceleration speeds of the motors which plays a huge part especially with human lives for impact reasons. These motors use Synthetic Belt-Systems, gears similar to a Rack & Pinion System, Gear Systems & Wire-Rope Systems. I also manually operate Rigging-Systems such as, Running/Pulling Rope through Pulley Systems, Kabuki Effect, attaching Quick-Links/Air-Craft Pins to heavy pieces, inspect harnesses and install/maintain rigging & rope-access hardware.

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Certifications & Skills:

- **SPRAT (Rope-Access & Rescue)**
- **3M Fall Protection Authorized User**
- **OSHA 10 Card**
- **CM Chain Hoist (Basic Maintenance Course)**
- **Cable Termination & Counterweight Systems**
- **AWP Boom & Scissorlift Certifications**
- **CPL (Center Point Load) Math**
- **UDL (Uniform Distributed Load) Math**
- **Basic Pythagoras Theorem Formulas**
- **Cantilever Load Math**
- **Mechanical Advantage**
- **D:d Ratio (Diameter Pie Formula)**
- **Mechanic "like" Mindset**
- **Great Communication & Team Player**
- **Clear-Com & RF Programming**
- **Dante Networking 1 & 2**
- **OSCA Safe Workplace Certification**
- **Microsoft Excel, Word, Teams & Outlook**
- **Schedule Building & Organize Hardware Inventory**
- **Adobe Lightroom & Premiere Pro**
- **Ableton, Propellerhead Reason, Movavi & Logic Pro**
- **Labeling, Attention to Detail**
- **Goal-Oriented & Deadline Driven**

COVER/BIO

Born in 1992 (32)

I am looking to expand my knowledge while continuing to grow.

I enjoy Technical Entertainment Industry & the art behind each craft.

Eventually, I would like to learn programming automation and learn Vectorworks so I can start to design shows & run them.

References:

Ric Figueroa (Automation Operator)

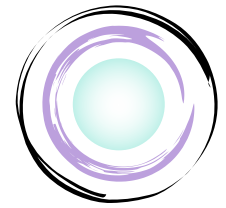
"Awakening" Wynn Las Vegas

(818)398-4496

Rusty Hines (Master Rigger)

Disneyland Resort

(562) 234-9595



Stage-Technician

"Disneyland Resort" California

2018-2023

As a **Stage-Technician** at the **Disneyland Resort** in California, I specialized in many qualities of Technical Entertainment. Some of my duties entailed of Theatrical-Rigging, Assembly of scenic-pieces while being suspended on ropes, Installing Structural Steel-Beams, Install Life-Lines, Inspect & Maintain a Real Rigging 3-Mast Pirate Ship, Fly Performers, adhere to OSHA & ANSI Standards, Troubleshoot Valves/Pressure-Gauges/Water Lines, Install & Maintain Small Mechanical Motors & Pneumatic Lines for Scenic Elements to "Move" to create Magical Experiences, Inspect Welds, Solder Cable (XLR, Socapex, DMX), Cable Maintenance (Edison, L21-20, L21-30, Cat5, Cat6, NL4, NL8), Program RF-Clear Comm-Systems for Events, Wire Audio & Networking Racks, RIO Audio Systems (Analog to Digital), Wire-Rope Termination, Inspection of Truss Structures & Welds, Install Gear Operated Mechanisms, Inspect Wire-Rope, Inspect Rope-Access Gear, Programming of LED Lighting Fixtures & Mechanical Systems Maintenance. I was fortunate enough to work on projects such as: **Haunted Mansion Holiday** (Nightmare Before Christmas), **Fantasmic**, **World of Color**, **Small World**, **Spider-Man** Avengers Campus Stuntronic, **Frozen** at Hyperion Theater, Parades and The **Fireworks Show** in front of the Castle.

Additional Information:

Being in the technical side of the entertainment industry for roughly 9 years and working with 6 different I.A.T.S.E. Locals, I have seen over a couple hundred of different plots, designs & blueprints. In the past, I've organized documentation, receive/organize inventory, schedule build & make adjustments based on any changes with employees, clients and any unforeseen circumstances. I have prioritized budget friendly hardware lists for current & future jobs & have been fortunate enough to see projects come to life from the beginning to ending stages. I have built labor schedules, create inspection & timesheets and have also led a 4-8 person crew for smaller installs.

Before working at **SGPS, Disney & Wynn Las Vegas**,

I was an Audio Visual & Stage Technician for several companies doing Arena Rigging, Ballroom/Corporate Events & Convention Center Rigging. Some of my duties included setting up PA Systems,, rigging audio systems, installing cable, assembling truss structures, assemble rigging points on truss, fly truss, address lighting fixtures, install transmitters & receivers for wireless microphones, find open bandwidths, programming of Clear-Comm real-time communication, set-up lavalier microphones onto CEO's & guest speakers & adhere to handheld microphones when needed for events.

Previous Work:

Coachella 2016-2019, **EDC** 2015-2019, **Blizzcon** 2016-2018, **Lady Gaga's** Music Video "*Perfect Illusion*", **CBS TV Series** "*Superfan*", **Universal Studios** "*Backlot*" **Billie Elish** Rehearsals, **Nocturnal Wonderland**, **Netflix** "*FYSEE*", **SoFi-Stadium**, **Allegiant-Stadium**, **World Pet Games** 2021, **Adele** at **Caesars Palace Las Vegas**.

Tools & Hardware:

Measuring Tape/Caliper/Protractor/Speed-Square/Laser-Measure/Plum-Laser/Rope-Knots/Crescent Wrench/Pliers/Post-Driver/Grinder/Synthetic-Slings/Verlocks & Griplocks/Loadbinders/Safe-Rigging Practices/Screw-Gun/Hammer-Drill/Band Saw/Table Saw/Felco's/Magnetic-Drill/Pulley's/Rope/Harnesses/Steel-Chain/Uni-Strut/Dremel/Ratchet-Straps/Turnbuckles/Shackles/Wire-Rope/Torque-Wrench/Gantry-Crane/Hydraulic-Lifts/Capstan-Winch/Lever-Hoist/I-Beam Clamps & Trolley's/Impact Gun/Sawzall/Jigsaw/Circular Saw/Wire-Strippers & Crimping Tools/Crosby-Clips/Wire-Rope Sleeves/Carabiners/Sanding & Rounding Wood/Circular Saw/Track-Saw/Hose Clamps/Valves/PVC/Concrete/Tap & Die/Pipe Cutter/Paint/PPE/Concrete-Anchors/Load-Cells/Petzl, CMC, SALA, Rock Exotica and several other Fall-Protection & Rope-Access Equipment.