

ELLA NAGENGAST

TECHNICAL DESIGNER - SCENIC FABRICATOR - AUTOMATION TECH

esnagengast@me.com ellanagengast.com

SKILLS

Scenic Carpentry | Technical Design | Steel & Aluminum Fabrication | Understanding of Automation & Hydraulics | Mechanical Integration | AutoCAD 2D & 3D | Excel Proficiency | MIG, SMAW, & TIG Welding | Rigging | Soldering | Fly Rail Load & Operation | Foundational Scenic Painting | Hanging/Focusing Lighting Fixtures | Blacksmithing | Hand-Drafting | Valid Drivers License

SELECTED EXPERIENCE

Technical Director | *Almost Famous*

University of North Carolina School of the Arts | Winston-Salem, NC | March 2026 - In Progress

Advisor: Ted Kraus

- Responsible for bidding, technical designing, and the execution of the scenic design presented.
- Generation of technical design models, planning, and delegation to the scenic team.

Seasonal Automation Technician & Fabricator

ShowMotion Inc. | Milford, CT | May 2026 - August 2026

Automation Director: Paul Stoltenberg

- Sent on site, alone, for installation and troubleshooting of an automated piece for *The Whoopi Monologues* at the Mitzi E Newhouse Theatre; sent overnight to LaGuardia Airport multiple times for repair of Automated Signs.
- Generated complex scenery & mechanical construction drafts for *The Imaginary Invalid* at the Todd Haimes Theatre & *WANTED: A New Musical* at the James Earl Jones Theatre.
- Fabricated several Automated & Mechanical Elements for *The Imaginary Invalid* (Todd Haimes Theatre), *WANTED: A New Musical* (James Earl Jones Theatre), & *Billy Crystal 860* (Imperial Theatre).

Assistant Technical Director | *A Little Night Music*

University of North Carolina School of the Arts | Winston-Salem, NC | August 2025 - November 2025

Technical Director: Chris Lopez

- Assisting the Technical Director through the bid, technical design, and generation of drafts.
- Creating an accurate groundplan, rigging plot & plans for load-in/load-out.

Automation Intern

ShowMotion Inc. | Milford, CT | May 2026 - August 2026

Automation Director: Paul Stoltenberg

- Construction & fabrication automated & mechanical elements for: *Back to the Future: The Musical* (Star of the Seas, Royal Caribbean Cruiseline), *Art* (Music Box Theatre), as well as hydraulics for *Ragtime* (Vivian Beaumont Theatre)

Scenic Fabricator

Majestic Scenic | Winston-Salem, NC | 2025 - Present

Call Stewards: Jessica Holcomb

- Overhire carpenter & welder, steel fabrication & finish carpentry

Overhire Stagehand

IATSE Local 635, Winston-Salem, NC & IATSE Local 574, Greensboro, NC | September 2023 - Present

Call Stewards: Carlton Henry (635) & Richard Gibson (574)

- Overhire Stagehand, fluctuating tasks based on calls, variety from daily, overnight, and week long calls.
- Experience in Carpentry, Lighting, Audio, Video, & Pyro

EDUCATION

University of North Carolina School of the Arts - BFA
Design & Production - Scenic Technology Candidate
Expected Graduation, May 2027

REFERENCES

References available upon request