

Ziggy Ziegelmueller

Lighting & Entertainment Professional

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EXPERIENCE

2023-2024	Project Technician & Coordinator	Protolight, Inc.	<ul style="list-style-type: none">- Prepped hundreds of fixtures for install at landmarks such as Prudential Tower and Shedd Aquarium.- Performed field terminations on lighting network devices, troubleshoot, diagnose, and certify connections.- Created and markup system risers, coordination documents, and engineering plans in PDF and CAD.- Automated business processes and provided critical engineering support, documentation, and repair skill.- Trained on DMX consoles, media servers, and software such as QLab, TouchDesigner, Paradigm, & more.
2022-2023	Stage Hand and Facilities Crew	The Riviera Theatre	<ul style="list-style-type: none">- Worked with a team to load shows in, assist live audio engineers and production lighting specialists.- Rigged points, hung LED screens, handle consoles and instruments, and perform equipment maintenance.- My problem-solving skills and networking knowledge saved sold-out shows.
2018-2022	Landscaper and Irrigation Engineer	From The Seed, LLC	<ul style="list-style-type: none">- Realize bespoke garden transformations through lean but accurate planning.- Created hydrologically-informed irrigation and drainage designs,- Installed soft/hardscapes and performed maintenance on existing gardens.
2018-2022	Wood and Metal Shop Monitor	Sam Fox Shops	<ul style="list-style-type: none">- Performed essential skilled monitoring and instructional duties for four consecutive years- Collaborated with technicians and the EH&S supervisor to develop asset management systems, integrate new tech, optimize scarce shop space, and move to a new building.- Led workshops for peers on safety practices in wood/metal shops.

EDUCATION

2018-2022	Washington University in Saint Louis	Saint Louis, MO	Bachelor of Arts in Architecture Capstone: "Architecture For Community" focused on fabricated social design and outbuilding typology. Studio projects: Adaptive reuse of existing buildings, 3D-printed concrete, and urbanism presentations. Research: Selected for travel to Costa Rica with a research-driven design-build team working with bamboo. Fitzgibbon Charrettes: First place team in design of an original 3D object. Facilitated by Dwane Oyler & Jenny Wu.
2014-2018	Northside College Prep High School	Chicago Public Schools	Cumulative GPA 5.0. Academic focus: Computer Science Extracurriculars: Policy Debate, Stage Crew, Student Council, International Exchange: Prague, CR.

SKILLS

Manual Technical Certifications	Stagecraft, wood & metal, welding, bike repair, electronics, prototyping, climbing, and persuasive writing. Touchdesigner, CC, AutoCAD, Unity, web dev, linux, virtualization, networking, integration, and 3D modeling. Illinois BASSET, ArcGIS GeoPlatform Online, Red Cross Lifeguarding, and BSA Eagle Scout.
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References are available upon request.
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