

Jianna Shao

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EDUCATION

Wesleyan University, Middletown, CT

May 2029

B.A. in Computer Science, Art Studio, and Integrated Design and Engineering (Expected)

Relevant Coursework: Product Design I, Mechanical Design and Engineering, How to Design Programs

Awards: Wesleyan Summer Research Fellow (2026): Spark Prize for research communication

EXPERIENCE

Olin Library, **Graphic Design and Marketing Assistant**, Middletown, CT

September 2026 – Present

- Work directly with library departments to understand their goals and design flyers and social media graphics in Canva to execute their event ideas.
- Curate monthly themed book displays with library staff, selecting titles and creating signage.
- Coordinate event promotion across print, social media, and email, and maintain an archive of event media.

Wesleyan University, **Undergraduate Student Researcher**, Middletown, CT

June 2026 – Present

- Lead a study on how curved toolpaths and welding parameters affect bead geometry in wire arc additive manufacturing (WAAM), designing and running experiments.
- Program a robotic arm to automate deposition and collect 1,000+ bead measurements, then analyzed the results in MATLAB.
- Prepare metallographic samples (grinding, polishing, etching) and examine their microstructure under a microscope to link process parameters to material properties.
- Build non-linear regression models that predict bead geometry from process parameters. Present findings in posters and oral presentations, and in the process of first-authoring a manuscript for publication.

Valley101, **Media Assistant**, Las Vegas, Nevada

January 2026

- Covered 7+ keynotes at CES 2026, capturing notes and footage to identify emerging tech trends for content.
- Helped plan and host post-event parties for 50 guests, managing check-in, waitlist, and international guest logistics.

Hoff-Barthelson Music School, **Teaching Assistant**, Scarsdale, NY

June 2025 – August 2025

- Assisted art, piano and flute instructors with students mentorship and lesson planning.
- Taught art and music fundamentals to 30+ students ages 6-14.

Shanghai Fire Beast Technologies, **E-commerce and Marketing Intern**, Shanghai

April 2025 – June 2025

- Supported sales operations for trending consumer products, including home textiles, apparel, and pet goods.
- Conducted market research to identify 10+ potential products, define target customers, and analyze competitors.
- Built relationships with 50+ influencers in the industry through outreach activities and collaborations.

EXTRACURRICULAR ACTIVITIES

Spike Tape Wes, **Lead Play Prop Designer**, Middletown, CT

September 2026 – Present

- Direct the design, sourcing, and fabrication of stage props within a \$150 production budget.
- Supervise an assistant and collaborate with the director and production team to deliver props on schedule.

PROJECTS / PUBLICATIONS

Withdrawn Pandemonium Solo Art Exhibit, Olin Library, Middletown, CT

February 2026 – May 2026

- Selected to exhibit original artwork in a curated solo show featuring a cohesive visual narrative.
- Featured in university promotional materials and archived in institutional records.

“Zoom Out” (Illustration) *The Lavender*, Issue 19: Bird’s Eye, Wesleyan University

2026

“Moth to a Candle” and “Lonely Street.” *Celebrating Art Anthology*, Spring and Summer Editions

2024

SKILLS AND TOOLS

Computer: Figma, Rhino 8, Onshape, Adobe Illustrator, MATLAB, Canva, GitHub, Godot, Blender, Clip Studio Paint

Languages: Advanced Mandarin, Beginner French

Interests: Game development, classical music, archaeology, songwriting, painting