

RYAN PENG

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EDUCATION

Brown University, *Sc.B. Design Engineering*, 4.00/4.00 GPA Providence, RI | **Expected Graduation May 2025**

Relevant Courses: Introduction to Engineering: Design (Design Thinking); Dynamics and Vibrations; Mind, Brain, and Behavior; Visual Simulation; Intermediate Calculus; Sustainable Transportation

Memphis University School, 4.00/4.00 GPA

Memphis, TN | Class of 2021

Organizations: **MUS Theatre Company**, **Yearbook** (The Owl), **MUS Latin** (JCL), **Swimming**

Select Honors and Awards: **United States Presidential Scholar** Semifinalist, **National Merit Scholarship** Finalist,

National Latin Exam Maureen O'Donnell Oxford Classical Dictionary Memorial Award

PROFESSIONAL EXPERIENCE

Tri-State Neurology, *Administrative Intern*, **30hrs/wk**

Memphis, TN | Jun 2021 – Aug 2021

- **Digitized 5000+ patient files** from the now-obsolete paper chart system
- **Called 250+ patients** to updated mismatched or outdated demographic information
- **Facilitated** various office reorganization and logistics tasks

TEDxMemphis, *Light Board Operator*, **25hrs/wk**

Memphis, TN | Jan 2018, Feb 2019, Feb 2020

- **Operated 150+ lights** during live conference using Eos/Leprecon boards
- **Coordinated 100s of event cues** with stage manager, sound, projection, and stagehands live and during dress rehearsal
- **Completed** full technical event **setups** with physical stage set in **1 day timeframe**, **teardowns** in **3 hour timeframe**

LEADERSHIP & ACTIVITIES

Better World by Design, *Development Committee, Financial Signatory*

Providence, RI | Nov 2021 – Present

- **Negotiate** conference sponsorships and **manage** budget up to **\$90k**

Design for America RISD | Brown, *Studio Member*

Providence, RI | Sep 2021 – Present

- **Design** and **coordinate** pop-up sustainable fashion exhibit for nonprofit **Around the World in 80 Fabrics**

TEDxBrownU, *Operations Team*

Providence, RI | Sep 2021 – Present

- **Organize** day-of operations for **2-4** TEDxBrownU conferences **yearly**
- **Arrange** general body communications and **weekly** meeting
- **Harmonize** workflow between organization branches

The Critical Review, *Writer, Data Analyst*

Providence, RI | Sep 2021 – Present

- **Compile** up to **100** student surveys
- **Write 6** informative class reviews for prospective students **semesterly**

Brown/RISD STEAM, *STEAMrave Team*

Providence, RI | Sep 2021 – Present

- **Orchestrate** and **execute yearly** STEAMrave interactive multimedia art installation

Boy Scouts of America Troop 241, *Eagle Scout*

Memphis, TN | Apr 2014 – Jun 2021

- **Led 8** scout, **4** adult crew for **10** days on the Continental Divide Trail

Memphis University School Admissions, *Ambassador*

Memphis, TN | Aug 2019 – May 2021

- **Led** school admissions tours **1-2 times a week**
- **Hosted 10+** formal events in a year(dinners, receptions, graduation, etc.)
- **Received** visitors and guests for administration **4-5 times a month**

VOLUNTEER EXPERIENCE

St. Jude Children's Research Hospital, *Volunteer*, **30hrs/wk**

Memphis, TN | Jul 2019, Jun 2020 – Aug 2020

- **Visited 50+** inpatient rooms, **hosted 3** activities daily for patients in common areas
- **Edited 10** scientific papers
- **Processed** mass spectrometry proteomics data sets with **100,000+ proteins** and **developed** Python program to analyze protein uniqueness

SKILLS & INTERESTS

Technical Skills: Proficient in Microsoft Office Suite, Google Workspace, Python, MATLAB, Fusion 360, SketchUp, ABAQUS, DaVinci Resolve, Final Cut Pro X, Pro Tools, Canva, QLab, ETCnomad, Shop Skills (Woodworking, Laser Cutting, 3D Printing, Soldering), Lighting & Projection Design, Sound Design. **Elementary** in HTML/CSS, Java, Adobe Illustrator, Adobe InDesign.

Language: Native proficiency in English, professional proficiency in Classical Latin, conversational proficiency in Mandarin Chinese

Interests: Collecting coffee table books, exploring countries, hiking everywhere, playing the violin, swimming