

GRIFFIN DISTASI

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Education

University of Illinois at Urbana-Champaign
Bachelor of Science in Mechanical Engineering

Dec 2022
GPA: 3.44 / 4.00

Educational Experience

Senior Design

August 2022 - December 2022

- Designed an improved surgical system for morcellating uterine fibroids from medical student's concept
- Collaborated with sponsor and teammates
- Developed a medically and mechanically viable design from sponsor concept
- Presented design for professors and guests at the MechSE trade show
- Communicated with machine shop to produce prototype parts

Work Experience

The Actors Gymnasium

Evanston, IL

Production Associate

January 2023-March 2023

- Collaborated with a multidisciplinary team of professional artists
- Choreographed circus acts for performers' unique skill sets
- Advised on creative, safety, and implementation decisions
- Designed faux armor to be used in active and varied settings
- Constructed armor to physical and aesthetic specifications

Siebel Center for Design

Champaign, IL

Shop Team

August 2022-December 2022

- Instructed guests on proper usage of machines ranging from large-format printers to shop equipment such as bandsaws and CNC routers
- Enforced and educated guests on relevant safety standards
- Assisted guests through technical problems and project questions
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Blick Art Materials

Evanston, IL

Retail Associate

June 2022-August 2022

- Advised customers on project materials

Cabinet of Curiosity

Chicago, IL

Engineering Apprentice

May 2020-August 2020

- Collaborated with a cross disciplinary team
- Planned and delegated responsibilities for performances
- Designed a freestanding ladder using Autodesk Fusion 360
- Adapted ladder design specifications based on changing user needs
- Began manufacturing of metal ladder by utilizing shop equipment

The Actors Gymnasium

Evanston, IL

Production Assistant

March 2018 - May 2018

- Coached 30 students in circus skills
- Advised on the directorial process, costume design, and the choreography of circus acts
- Assigned circus acts following evaluation of the students' skill sets
- Modified aerial rigging depending on performances' needs
- Educated students on proper safety standards
- Operated rigging, transitions, and instruments for performances

Skills

- PTC Creo
- Autodesk Inventor
- Fusion 360
- AutoCAD
- Apriori
- Familiar in Matlab
- Microsoft Office
- Shop Tools
- Textile Arts
- Blender

Publications & Presentations

- Kodali Anita, Chhaochharia Neel, **DiStasi Griffin**, Eldes Nazim, Ramkumar Rahul, Shaikh Omar *Novel Surgical Tool (SLICE) for Laparoscopic Myomectomy: Development, Validation, and the Road to Manufacture*. Oral presentation at: 2023 Biomedical Engineering Society Advanced Biomanufacturing (ABioM) Meeting; 2023 March 22-24; Hyattsville, MD
- Kodali Anita Chhaochharia Neel, **DiStasi Griffin**, Eldes Nazim, Ramkumar Rahul, Shaikh Omar *Novel Surgical Tool (SLICE) for Laparoscopic Myomectomy: Development, Validation, and the Road to Manufacture*. Poster presentation at: 2023 Health Innovation Research Day. Carle Illinois College of Medicine; 2023 April 7; Champaign, IL