[First Name] [Last Name]

(123) 456-7895 · email@uic.edu · [LinkedIn URL]

EDUCATION

University of Illinois at Chicago Expected: December 2028
Doctor of Philosophy, Mechanical Engineering, 3.6 GPA
Dissertation Title: [Insert title here]

Milwaukee School of Engineering May 2023
Bachelor of Science, Mechanical Engineering, 3.5 GPA

TECHNICAL SKILLS

- **Design/Analysis Software:** SolidWorks, SolidEdge, CATIA, ANSYS, ImageJ
- **Computer Languages:** Fortran, MATLAB, LabVIEW, EES
- **Laboratory Equipment:** Rotational Viscometer, Capillary Viscometer, Extensional Rheometer, High-Speed Photography, Spectrofluorometer, Flow Visualization, Wind Tunnel, Oscilloscope
- **Other:** Microsoft Office Suite, Windows OS, Mac OS, Linux OS, LaTeX

RESEARCH EXPERIENCE

University of Illinois at Chicago, Department of Mechanical and Industrial Engineering
Research Assistant May 2023 – Present

- Collaborate and coordinate with faculty, staff scientists, and fellow graduate students across departments
- Contribute to multi-disciplinary projects based on fluid mechanics, solid mechanics, and heat transfer
- Design experiments to obtain fundamental knowledge of various physical phenomena
- Develop mathematical models to theoretically predict and further understand physical phenomena

MANUFACTURING EXPERIENCE

Apex Tool Works, Inc., Rolling Meadows, IL June 2022 – August 2022
Design Engineer Intern June 2023 – August 2023

- Designed parts for complex machinery using CAD software and other design tools working closely in a professional environment with an experienced design engineer
- Created prototype that would be used to develop a product projected to generate $400k in the first year of sales

Wisconsin Space Grant Consortium, Milwaukee, WI
Engineering Intern June 2021 – August 2021

- Designed and built a high altitude balloon that could reach 90,000 feet using SolidWorks
- Devised scientific experiments to test balloon's ability to reach to over 90,000 feet
- Budgeted and adhered to strict program schedule, meeting project deadlines and staying within a budget of $4k

PUBLICATIONS

[Student Name], F. M. LastName, and F. LastName, "Theoretical and experimental investigation of paint spatter from paintball gun", *Phys. Rev. Fluids*, (Accepted May 2026).

[Student Name], and F.M. LastName, "Friction coefficient of an intact free liquid jet moving in air", *Exp.* Fluids, 59, 65, 2025.

[Student Name], F. M. LastName, and F. LastName, "High-speed video analysis of forward and backward spattered paint droplets", *Forensic Sci. Int.*, 276, 134-141, 2025.

[Student Name], F.L. LastName, and F. LastName, "Hydrodynamics of back spatter", *Phys. Rev. Fluids*, 2(7), 073906, 2024.

[Student Name], F.M. LastName, F. LastName, and F. LastName, "Prediction of back spatter from a paintball gun", *Phys. Rev. Fluids*, 1(4), 043201, 2024.

F. LastName, **[Student Name]**, F.M. LastName, F. LastName, F.M. LastName, F.M. LastName, F. LastName, F.M. LastName, and F. LastName, “Paint rheology in shear and uniaxial elongation”, *Rheol. Acta*, 55(11), 901-908, 2024.

SELECTED CONFERENCE PRESENTATIONS

[Student Name], F.M. LastName, and F. LastName, “Investigation of paint spatter from a paintball gun”, *Pittcon*, Orlando, Florida, Feb. 26-Mar. 1, 2025.

[Student Name], F.M. LastName, and F. LastName, “High-speed video analysis of forward and backward spattered paint droplets”, *American Physical Society Division of Fluid Dynamics*, Denver, Colorado, Nov. 19-21, 2024.

[Student Name], F.M. LastName, F. LastName, and F. LastName, “Paint back spatter caused by a paintball gunshot”, *American Physical Society March Meeting*, New Orleans, Louisiana, Mar. 13-17, 2024.

SELECT HONORS AND AWARDS - UIC

Chancellor’s Student Service Award March 2026

- For students who have made an outstanding contribution to the University through service to the campus and community

Graduate College Student Presenters Award February 2026

Faydor Litvin Graduate Honor Award November 2025

- For exceptional academic achievement and service to the Mechanical and Industrial Engineering department and graduate student community

SELECT LEADERSHIP EXPERIENCE

Mechanical and Industrial Engineering Graduate Association 2025 – Present
University of Illinois at Chicago
President, Vice President

- Manage and run graduate student organization for the Mechanical and Industrial Engineering department
- Plan graduate student events with the intent of fostering a sense of community between the students
- Facilitate departmental projects such as the creation of a graduate student lounge and periodic graduate student research presentations

Society of Automotive Engineers 2018 – 2021
Milwaukee School of Engineering
Vice President, Treasurer

- Oversaw planning of events and coordinated information between four design teams
- Managed the organization’s funding including bi-weekly meetings, several design teams, school promotions, and international meet-ups

SuperMileage Design Team 2018 – 2020
Milwaukee School of Engineering
Sponsorship Manager, Engine Team Leader

- Kept track of sponsors for the team and properly acquired funding from outside donations
- Lead the development for designing and machining improvements on the engine for a student designed and built car with the intent of achieving the most fuel efficient vehicle possible