

DEEYA PATEL

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EDUCATION

University of Illinois at Urbana-Champaign, Grainger College of Engineering

Bachelor of Science, Industrial Engineering

Minor in Data Science | Economics and Finance Track

Champaign, IL

Expected Graduation: May 2028

GPA: 3.47

SKILLS & CERTIFICATIONS

- **Tools & Programming:** Excel, Power BI, Tableau, SQL, Python, Pandas, Power Automate, Copilot Studio, AutoCAD, Figma
- **Methods:** Data Analysis, Competitive Analysis, Financial Modeling, Process Mapping, Root Cause Analysis, Agile, Project Management, DMAIC, Kaizen
- **Certification:** Six Sigma Green Belt, Institute of Industrial and Systems Engineers (IISE), November 2024

WORK EXPERIENCE

Data and Process Improvement Intern

GE Healthcare

May 2026-August 2026

Waukesha, Wisconsin

- Led a serial number process improvement project to address shipping delays and order backlogs by mapping workflows, identifying gaps in cross-team handoffs, and presenting standardized solutions to 5 stakeholder teams.
- Developed and launched an AI-powered SOP agent using Copilot Studio, reducing manual SOP search time by 85% and enabling Order Management employees to access procedural documents faster.
- Designed interactive Power BI dashboards consolidating operational KPIs and weekly order statuses, enabling Order Management to identify orders requiring corrective action and reducing report preparation time by 78%.
- Created an automated email audit workflow using Microsoft Power Automate to capture and store operational reports in SharePoint, improving report accessibility and increasing process consistency by 20%.

Operations Engineering Intern

Zschimmer and Schwarz

June 2025-July 2025

Milledgeville, Georgia

- Conducted time-motion studies and developed spaghetti diagrams across 2 manufacturing plants to identify production bottlenecks, unnecessary operator movement, and opportunities to improve plant layout.
- Applied SMED techniques and plant layout improvements to reduce batch changeover time, including moving catalyst preparation into the material-loading phase.
- Owned and compiled performance data from weekly overall equipment effectiveness (OEE) and cycle time meetings, forming hypotheses and delivering actionable insights that informed strategic initiatives targeting efficiency improvements.
- Supported the engineering manager in developing and implementing an ISO 9001 quality management system by documenting processes and standardizing procedures to strengthen quality control and regulatory compliance.

LEADERSHIP EXPERIENCE

Senior Consultant

Illinois Business Consulting

January 2026-Present

Champaign, Illinois

- Conducted competitive analysis and resale market research to evaluate a Certified Pre-Owned program for Stern Pinball, identifying market opportunities and presenting the final recommendation.
- Led 6 consultants in weekly client meetings to assess financial feasibility and develop a business case for the CPO program, outlining potential revenue growth and cost-saving opportunities.

Secretary

Institute of Industrial and Systems Engineers

August 2024-Present

Champaign, Illinois

- Organized professional workshops and career-focused events with corporate partners and alumni to support 100+ Industrial Engineering students.
- Led logistics for a mentorship program, pairing students with mentors to support academic success, professional development, and campus involvement.

Executive Member

Founders – Illinois Entrepreneurs

January 2026-Present

Champaign, Illinois

- Collaborate with the executive board to develop growth and engagement strategies that strengthen Illinois' entrepreneurial community, expand member outreach, and increase visibility for student-led ventures.
- Coordinate planning and execution of Forge, a university-wide entrepreneurship competition featuring 150+ students pitching student-led business ideas.