

Emily Deleon

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EDUCATION

University of Illinois

Grainger College of Engineering - Systems Engineering and Design

Urbana-Champaign, IL

August 2019 – May 2024

- Secondary Field: Business Systems Integration & Consulting
- Cumulative GPA: 3.45/4.0
- Relevant Courses: Database Design and Management, Engineering Design Optimization, Deterministic Models in Optimization, Analysis of Data, Engineering Law, Management and Organizational Behavior

WORK EXPERIENCE

Baker Tilly US, LLP

Digital Healthcare Strategy and Transformation Consulting Intern

Chicago, IL

June 2023 - August 2023

- Developed and implemented innovative data collection methods to enhance Medicare-mandated price transparency and compliance, significantly improving strategic data analysis for Blue Cross Blue Shield Association and their customers
- Executed advanced SQL queries for detailed analysis and optimization of surgical procedure rates across five key US regions, leading to critical database improvement and debugging
- Worked collaboratively with professionals at all levels, from staff to partners, utilizing their industry expertise to deliver high-value solutions to a diverse client base
- Excelled in client communications, effectively identifying and addressing client needs and delivering tailored solutions that consistently exceeded expectations

Cintas Corporation

Corporate Safety and Health Intern (Technology and Ergonomic Division)

Chicago, IL (Hybrid)

June 2021 - March 2023

- Acted as Interim Project Manager, leading the R&D and implementation of a six-figure project from inception to enterprise-wide rollout, facilitating vendor negotiations and demonstrating strong leadership and strategic planning
- Designed and executed both front-end and back-end systems using coding and no-code solutions, enhancing operational efficiency and streamlining existing processes
- Developed dynamic Power BI dashboards to track compliance metrics for OSHA vehicle inspections and employee safety training, directly contributing to a 16% increase in compliance and over 4,000 hours saved annually
- Created and launched an Ergonomics Solution Sourcebook on the intranet, accessed by over 40,000+ employees, centralizing ergonomic resources and best practices
- Pioneered an automated Safety Lead Process to improve incident awareness and injury prevention strategies

LEADERSHIP EXPERIENCE & ACTIVITIES

Illinois Consulting Group

Project Director

Champaign, IL

February 2022 – May 2024

- Led a team of nine consultants to deliver strategic insights, generate and present influential reports that drove client decisions, substantially exceeding set goals for improvement, outreach, and engagement
- Spearheaded feature prioritization and optimization for Guardhat Inc.'s IoT Safety Inspection Manager platform, resulting in enhanced product efficacy through thorough market analysis
- Exceeded customer discovery targets for Ascent Integrated Technology's sales team, securing leads for pilot incident command solutions
- Improved user experience and development alignment for the Blaze messaging app by engaging with the app founder on a weekly basis, coordinating the consulting team's duties with the goals of the project

TECHNICAL SKILLS

- Programming Languages: Python, HTML, CSS, MATLAB, Julia
- Data Analysis: SQL, PowerBI
- Engineering: Automation, Optimization, Engineering Analysis, Modeling
- Design & Simulation Software: CAD, Autodesk Inventor, LTSpice, Fusion360
- Productivity Tools: Microsoft Office Suite, Google Suite, Smartsheet, Airtable