

Vishnu Vanguri

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EDUCATION

University of Cincinnati, Cincinnati OH

Expected Graduation: May 2029

Bachelor of Science in Industrial & Systems Engineering

- Relevant Coursework: Engineering Design Thinking, Engineering Design Graphics, Statics, Engineering Statistics
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TECHNICAL SKILLS

Certifications: Six Sigma Yellow Belt – Kennesaw State University, September 2025, Introduction to Data Analytics – IBM, September 2025

Software/Languages: Python, 3D printing, Microsoft Office, MATLAB, LabVIEW, VBA, Minitab, NX CAD

CLASS PROJECTS

NX CAD Mechanical Modeling Project

January 2025 - April 2025

University of Cincinnati, Cincinnati, OH

- Led a team of 4 to disassemble and model a mechanical object in NX CAD, creating an exploded view
- Measured and modeled 15+ components, assigned tasks to teammates, and ensured deadlines were met
- Created and presented 12-slide deck showing assembly functionality and design insights

LEGO Robotics Automation Project / Engineering Design 2

January 2025 - April 2025

University of Cincinnati, Cincinnati, OH

- Managed a team of 5 to build and program a LEGO robot in LabVIEW for obstacle navigation and object handling
- Programmed sensor-driven routines and completed 40+ lines of code while coordinating team tasks
- Achieved 90% task completion in timed trials and presented robot performance to class

Pneumatic Seed Gun / Engineering Design 1

September 2024 – December 2024

University of Cincinnati, Cincinnati, OH

- Designed and prototyped a reforestation device using CAD and physical models
 - Conducted research on soil conditions, ways to disperse seeds, and sustainable reforestation methods
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EXPERIENCE

College Intern- Ohio Department of Job and Family Services

April 2025 – November 2025

Bureau of State Hearings, Columbus, OH

- Secured and managed sensitive client data using case management systems, ensuring HIPAA and state compliance
- Processed 50+ public assistance appeals daily (Medicaid, SNAP, cash assistance, unemployment, child support)
- Utilized state databases and Excel to track and summarize case info for hearing officers and attorneys

Retail Sales Representative

October 2023 – July 2024

Cracker Barrel, Pickerington, Ohio

- Provided exceptional customer service by assisting with purchases, complaints, and addressing inquiries promptly
 - Managed inventory and restocked merchandise to ensure product availability and presentation
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EXTRACURRICULAR ACTIVITIES

Teacher's Assistant for Special Needs Pre-K and 6th Grade English

January 2023 – December 2024

Pickerington Local School District, Pickerington, Ohio

- Supervised classroom routines, assisted with individualized instruction, and supported student development
 - Led class, group, and one-on-one sessions to help students improve English comprehension and writing skills
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HONORS & AWARDS

- Selected from 50+ candidates to deliver a commencement speech to 7,000+ attendees

May 2024

AVAILABLE TO CO-OP: SPRING 2026