Robert Ilcyn

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EDUCATION

Rutgers University — New Brunswick
Bachelor of Industrial and Systems Engineering • 3.3 GPA — 08/2023 - 05/2027

Columbia University Pre-Engineering Program — New York, NY
Physics and Technologies of the Future Research — 08/2023

EXPERIENCE

Johnson & Johnson — Raritan, NJ
Supply Chain Digital Engineering Intern — June 2025 - August 2025
- Built and optimized 40+ digital business process workflows, acting as the primary resource for the department's transition from Microsoft Visio to SAP Signavio.
- Mastered digital tools quickly, migrated complex Supply Chain processes into SAP Signavio, and trained 8+ team members to ensure platform adoption.
- Conducted root-cause analysis using Excel, Power BI, and Tableau to identify stage-gate delays and reduce average lead time by 26 days across Ethicon's supply chain.
- Lean Six Sigma Yellow Belt - Certified by Johnson & Johnson.

T-Mobile — East Brunswick, NJ
Mobile Sales Expert — June 2023 - April 2025
- Drove revenue with 300+ line activations across Voice, Home Internet, Watches, Tablets, and Small Business, achieving 91.7% of quota in 2024 and 100% in 2025.
- Excelled in competitive sales environments by applying solution-based selling techniques and tech expertise, consistently ranking among top district performers.
- Demonstrated problem-solving skills in real time to resolve technical challenges and maintain service integrity.
- Awarded #1 District Activations 2023, #1 in Accessory Attach (Oct 2024), #1 in Value Added Features (Aug/Oct 2024).

Institute of Industrial and Systems Engineers (IISE) — Rutgers University, New Brunswick
Executive Board: Vice President — September 2024 - Present
- Directs internal operations for a 200+ member student chapter, strengthening student engagement and advancing organizational strategy.
- Founded the first IISE Case Competition — a weekend-long, company-sponsored challenge for Rutgers School of Engineering students to design solutions to real-world problems; managing full project planning, budgeting, logistics, sponsor engagement, and stakeholder collaboration to deliver the event.

Rutgers Catholic Organization — Rutgers University, New Brunswick
Executive Board: Team Leader — 09/2023 - Present
- Co-directed 2025 Fall Retreat for over 100 participants, a major leadership and organizational commitment involving budgeting, logistics oversight, content development, and managing a team of 15+ student leaders. Coordinated responsibilities, delegated key tasks, and maintained program focus.
- Leads a weekly men's small group, empowering members through mentorship, facilitating conversations, and encouraging personal growth.

Engineering Governing Council (EGC) — Rutgers University, New Brunswick
Finance Cohort Member — 09/2024 - 05/2025

Saint Joseph High School — Metuchen, NJ
Head Coach - Freshman Volleyball Team — 03/2025 - 06/2025

PROJECTS

Smart Campus Competition Winner: UniView — September 2024 - November 2024
Verizon
- Co-invented UniView, an IoT-driven analytics system integrating Verizon 5G connectivity and AWS cloud infrastructure to deliver real-time occupancy data for facilities and parking lots. Winner of the Verizon Smart Campus Competition, received cash prize and presented idea to executives at Verizon Headquarters.
- Mentored new competitors during the subsequent Smart Campus event, providing guidance on ideation, IoT integration, and best practices for a winning project.

Independent Technology Research under Dr. Prachi Patel — June 2023 - August 2023
Columbia University
- Conducted independent research on fMRI technology, wind energy, and virtual reality innovations under Dr. Prachi Patel and the Department of Neuroscience.

SKILLS

Technical: Python, Tableau, Power BI, AutoCAD, SQL, JIRA, Microsoft Office, Google Suite, Excel, PowerPoint, Google Analytics, SharePoint, Workflow Automation (Signavio, Microsoft Visio), MATLAB, ERP Systems (S/4HANA), Cloud Infrastructure, Security Configurations, Dashboard Development, Network & Security protocols
Soft: Leadership, Strategic Thinking, Cross-Functional Collaboration, Process Improvement, Problem Solving, Analytical Thinking, Project Management, Stakeholder Engagement, Change Management, Communication, Team Development, Customer Relationship Management, Sales