

OBJECTIVE	First Computer Science & Engineering Co-op Position	January 5 – May 1, 2026
EDUCATION	Bachelor of Science in Computer Science & Engineering J.B. Speed School of Engineering, University of Louisville, Louisville, Kentucky	Expected May 2028 GPA 3.842/4.0 Hours Completed: 88
SKILLS/COURSEWORK	Technical Skills/Relevant Coursework <ul style="list-style-type: none">• C, C++ programming• Java programming• SQL Database• Through Hole Soldering• Differential Equations• Linear Algebra• Information Structures• 3D Design using SolidWorks	
APPLIED EXPERIENCE	Course Projects: C/C++ Developed a 3D tic-tac-toe game using C programming. Independent Project: -Created a program in Pine Script to algorithmically sort stocks -Used statistical analysis and Relative Strength Indexes to plot stock data Participated in International Collegiate Programming Competition - Highest placing team from the University of Louisville 2 years in a row -Individually found solutions for multiple problems Participated in Hack Kentucky Hackathon - Developed a community aid website for volunteers to help elderly and disabled people in 24 hours -Helped to outline the website's design and pages - Learned applications of JavaScript and web design Robotics Club Project: -Designed drone frame using SolidWorks -Chose motors and flight controller best suited for purpose -Used drone to record video of new engineering building at UofL	
WORK EXPERIENCE	Cyber Software Intern <i>Northrop Grumman - Xetron</i>	January 2026– May 2026 Cincinnati, OH
	Summer Researcher <i>University of Louisville, J.B. Speed School of Engineering</i>	May 2025 – July 2025 Louisville, KY
	<ul style="list-style-type: none">• Designed circuits for mechanical memory applications• Ran simulations to optimize capacitance between plates• Built a circuit to prove the design was effective	
	Intern <i>Saint Elizabeth Hospital</i>	August 2023 – January 2024 Edgewood, KY
	<ul style="list-style-type: none">• Repaired, imaged, and replaced doctors' laptops and nurses' carts• Assisted in minor medical procedures, watched surgeries, and transported patients• Prepared microscope slides for pathologists	
ACTIVITIES/HONORS	Member, Redbird Robotics Club Vice President, Mu Alpha Theta Math Club Dean's List – Spring 2024, Summer 2025 Dean's Scholar – Fall 2024 Trustee's Scholarship Recipient Math tutor: Privately tutored one Algebra 1 student, raised their grade from D to A-	June 2025 - Present August 2023 - May 2024

First Place Varsity 5-Person Team John O'Bryan Math Competition
Hobbies include Building Computers, Photography, Cooking