

Ethan Clark (he/him)

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OBJECTIVE	Seeking a Computer Science internship for Summer 2025 (May 5 - August 15, 2025) to apply my skills in Software Engineering and contribute to innovative technology solutions.		
EDUCATION	Bachelor of Arts, Computer Science J.B. Speed School of Engineering, University of Louisville, Louisville, Kentucky	Expected August 2026 GPA 3.22/4.0 Hours Completed: 63	
SKILLS/COURSEWORK	Technical Skills/Relevant Coursework <ul style="list-style-type: none">• Python Programming w/ Certification• C, C++ Programming w/ Certification• Java Programming w/ Certification• Data Structures & Algorithms• HTML5 w/Certification & CSS3 w/ Certification• Robotics• 3D Modeling (Fusion 360) & 3D Printing• MySQL, PostgreSQL & Databases• Git/GitHub		
APPLIED EXPERIENCE	University Led Projects: C/C++: Developed a simple C-based game inspired by <i>The Oregon Trail</i> <ul style="list-style-type: none">• Incorporated options for the user to select a path to walk and created a dice-event function to generate random events.• Designed various user interfaces for the main menu, traveling events, monster battles, and the storyline. Python: Developed a simple bank account manager <ul style="list-style-type: none">• Created a user interface using tkinter, PIL, and alexit.• Adapted the program to allow user interaction with the bank account through several methods including withdrawing, depositing, and transferring money.• Led a team of five to create the best possible scenarios for bank account management. Personal Projects: Python: Constructed a robot arm with custom 3D printed parts, MG996r Servo motors, a Raspberry Pi Zero 2 W, and a PCA9685. Wrote the code in Python with the pygame and Adafruit_pca9685 modules to link it with an Xbox controller. C++: Built a motorized helmet using Arduino and SG90 servo motors. The helmet opens its face plate with the click of a button.		
WORK EXPERIENCE	Kroger <i>Produce Associate</i>	May 2022 - Present Louisville, KY	<ul style="list-style-type: none">• Supported management across 13 departments when needed.• Maintained optimal standards in the produce department, ensuring product quality and freshness.• Collaborated with and sometimes led a team to maintain department during peak periods.
	YMCA <i>Lifeguard</i>	Jul 2020 – Nov 2021 Louisville, KY	<ul style="list-style-type: none">• Worked with a team of lifeguards to maintain a safe, environment.• Maintained pool safety and chemical levels to ensure safety compliance.
ACTIVITIES/HONORS	Dean's List, University of Louisville, Dec 2023 Member, Codecademy, Nov 2023 – present Member, Leetcode, Aug 2024 – present Member, Disability Inclusive Design Project – GE Appliances, Sep 2022 – Dec 2022 <ul style="list-style-type: none">• Contributed to the design of a table that accommodated handicapped individuals. Member, Students with Futures in Technology (SWiFT) – GE Appliances, Mar 2022 <ul style="list-style-type: none">• One of only four students in my entire high school to be accepted in the program. Member, VEX Robotics Club, Aug 2018 – May 2022 <ul style="list-style-type: none">• Led a team through several years in VEX Robotics Competitions.		