

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 3.38/4.0 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: <p>C/C++: Developed a simple C-based game inspired by <i>The Oregon Trail</i></p> <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. <p>Python: Developed a password generation and evaluation web application</p> <ul style="list-style-type: none">• Utilized Django to create a user-friendly interface designed with HTML, Bootstrap, and SASS.• Developed a SQLite database containing a curated list of commonly used passwords.• Enabled password generation based on a set of pre-determined criteria and rated user passwords against both the criteria and the database of commonly used passwords.• Led the development of the web application utilizing the waterfall methodology. <p>Personal Projects:</p> <p>SQL: Developed a mock grocery store database to manage inventory and sales using PostgreSQL</p> <ul style="list-style-type: none">• Designed multiple tables to keep track of products, employees, customers, and transactions.• Indexed frequently queried columns (e.g., products.name) for improved query performance.• Created triggers to automatically log inventory adjustments when sales or deliveries were made. <p>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.</p>	
AREAS OF INTEREST	Data Analytics & Data Science Artificial Intelligence & Machine Learning Backend Development	Software Development Enterprise Development Automation & Scripting
WORK EXPERIENCE	Kroger <i>Produce Associate</i> <ul style="list-style-type: none">• Supported management across 13 departments when needed.• Maintained optimal standards in the produce department, ensuring product freshness• Collaborated with and sometimes led a team to maintain department during peak periods.	May 2022 - Present Louisville, KY
ACTIVITIES/HONORS	Member, Codecademy, Nov 2023 – present Member, Leetcode, Aug 2024 – present Member, Disability Inclusive Design Project – GE Appliances, Sep 2022 – Dec 2022 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.	