

Grant LeRette-Kauffman

(630) 313-0757

grantilk@gmail.com

www.linkedin.com/in/grantilk/

Summary

Computer Science student with strong programming fundamentals, hands-on project experience in backend development, and proven leadership skills. Passionate about creating efficient software solutions and eager to apply technical knowledge in a professional environment.

Education

B.S. expected May 2027

University of Illinois Chicago

- GPA: 4.00/4.00
- Bachelor of Science in Computer Science

Skills

- **Programming Languages:** Java, JavaScript, C, C++, Python
- **Data Structures & Algorithms:** Arrays, linked lists, trees, graphs, hash tables, pathfinding algorithms, data parsing
- **Development Skills:** Backend development, geospatial applications, algorithm optimization
- **Soft Skills:** Team leadership, problem-solving, customer service, inventory management

Project

March 2025 - May 2025

Interactive Maps Application - Graph Algorithm Implementation | JSON Parsing

- Designed and implemented a custom graph data structure to represent geographical map data
- Parsed real-world map data from industry-standard formats (GeoJSON/OSM) to create a navigable network
- Developed pathfinding algorithms (Dijkstra's/A*) to determine optimal routes between locations
- Built a functional user interface allowing users to select locations and view mapped routes
- Optimized algorithm performance to handle large datasets with minimal processing time

Work Experience

March 2019 - July 2024

Dunkin Donuts, Batavia, IL - Part Time Barista and Shift Manager

- **Leadership & Team Coordination:** Managed team of 5-7 employees during shifts, created weekly schedules, and delegated tasks to maximize productivity and customer satisfaction
- **Problem Solving:** Resolved customer complaints and technical issues with point-of-sale systems, applying quick troubleshooting to maintain workflow
- **Data & Inventory Management:** Tracked daily sales metrics, managed inventory levels, and coordinated with suppliers to ensure optimal stock levels