
EDUCATION

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| Urbana, IL | University of Illinois Urbana-Champaign | May 2024 - May 2025 |
| <ul style="list-style-type: none">• Master's in Computer Science. GPA: 4.0• <i>Database Systems; Data Visualization; Software Engineering I; Statistical Modeling in R; Foundations of Data Curation</i> | | |
| Urbana, IL | University of Illinois Urbana-Champaign | August 2020 - May 2024 |
| <ul style="list-style-type: none">• Bachelor of Arts in Economics, Minors in Computer Science and Business GPA: 3.62• <i>Data Structures and Algorithms; Game Development; Intro to Computer Systems; Calculus I/II; Discrete Structures</i> | | |

PROJECTS

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| Android Weather App | September 2024 - December 2024 |
| <ul style="list-style-type: none">• Makes multiple API calls to fetch weather data, contact the LLM, access cities, and control the map.• Uses AI to provide weather insights for any city in the United States.• Java, Android Studio Video Demo | |
| Fitness Logbook | October 2024 - December 2024 |
| <ul style="list-style-type: none">• Web app that allows users to create accounts and log workouts. Stores information on the workout in an SQL database.• The backend uses Flask to host an API that connects to a MySQL database via MySQL Connector. It facilitates CRUD operations and communicates with the JavaScript front end to manage data interactions.• Python, SQL, Flask API, JavaScript, HTML Link to Repo | |
| Database Dashboard | July 2024 - August 2024 |
| <ul style="list-style-type: none">• Web dashboard hosted through Dash with a Python backend that queried and edited SQL, MongoDB, and Neo4j databases and displayed graphs, information, and querying/editing features using JavaScript.• Python, SQL, MongoDB, Neo4j, JavaScript, HTML Link to Repo Video Demo | |
| Tower Defense Game | March 2024 - May 2024 |
| <ul style="list-style-type: none">• Led a team of five in building a fully-functional tower defense game using Unreal Engine 5.• Organized group meetings and delegated responsibilities, ensuring timely project delivery.• Unreal Engine 5, Git, C++ Link to Gameplay Demo | |

EXPERIENCE

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| Data Analyst | The American Energy Society | February 2023 - May 2023 |
| <ul style="list-style-type: none">• Conducted extensive research on global university energy programs, enhancing analytical skills in data collection and synthesis.• Compiled research findings into a comprehensive Excel document for organizational use.• Collaborated with a cross-functional team of 12+ individuals to deliver data-driven insights. | | |
| Software Engineering Tutor | University of Illinois Urbana-Champaign | August 2022 - December 2022 |
| <ul style="list-style-type: none">• Created programming walk-throughs in Java to aid dozens of students in the learning of Java programming skills.• Guided students in solving complex problems through group discussion and personalized feedback.• Led office hours and helped students debug and implement features for the semester project. Features included creating a list of favorite restaurants, creating recommendations based off of the users preferences, and displaying those restaurants on a map. | | |

PROGRAMMING LANGUAGES, FRAMEWORKS & TOOLS, SOFT SKILLS

- Python; C++; C; Java; SQL; MongoDB; Neo4j; JavaScript; HTML; R
- Visual Studio; MySQL; PostgreSQL; Git; Docker; REST API; D3; Tableau; Unreal Engine 5; Microsoft Office;
- Communication; Leader; Team Player; Driven; Critical Thinking; Patience; Self-Awareness