

# Charlie Hristov

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## Education

*Iowa State University* | Ames, IA

Expected: May 2027

*Bachelor of Arts degree in Computer Science*

- Received 2 transfer Achievement award scholarships
- Coursework: Discrete Math, User Interfaces, Data Structures, Linear Algebra, Machine level programming

*University of Illinois at Chicago* | Chicago, IL

Aug 2023 – May 2024

- Completed 31 credits, including two computer science courses

*Neuqua Valley High School* | Naperville, IL

Aug 2019 – May 2023

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## Project Experience

*Full-Stack Web Application* – [Homers Daily](#)

- Built a full-stack app using React, Node.js, Express, and MongoDB Atlas to display real-time MLB home run data, player stats, exit velocities, distances, daily leaderboards, and daily projected starting pitchers.
- Developed automated scripts to fetch and process live game data from the public MLB API
- Deployed React frontend on Vercel and Node.js backend on Render.com for hosting
- Used MongoDB Atlas for cloud-based, high-availability public data storage

*AI Retrieval-Augmented Generation Program* - [playdatepodAI](#)

- Developed a RAG-based system that enables natural language queries over 50+ podcast transcripts. Used LangChain, Sentence Transformers, and ChromaDB to process text, generate embeddings, and retrieve relevant content.
- Integrated Ollama with a local LLM for accurate, context-aware responses all while minimizing hallucinations.

*Portfolio* – [charliehristov.online](#)

- Created my portfolio website with React.js with modern CSS3 styling and component-based architecture
  - Deployed production application to Vercel with custom domain name
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## Work Experience

*UPS Store*

Naperville, IL

Retail Associate | Package Handler

Aug 2022 - Present

- Advised customers on optimal shipping options based on cost, speed, and reliability
- Managed store operations: opening/closing, handling inbound/outbound packages, inventory
- Trained new employees on our POS systems, shipping standards and practices, and customer service procedures

*That Burger Joint Restaurant*

Naperville, IL

General Staff Member

Feb 2022 - Apr 2022

- Prepared food per order, maintained kitchen cleanliness, washed dishes
  - Restocked supplies and assisted in daily opening/closing procedures with crewmembers
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## Involvement

*Computer Science & Engineering club* – *Iowa State University*

Sep 2024 – Dec 2024

- Engaged in technical discussions, workshops, and peer collaboration

*Intramural Sports Referee* – *Iowa State University & UIC*

Sep 2023 – Present

- Managed conflict and disputes professionally and deescalated tense situations
  - Developed strong verbal communication, authority, leadership, and situational awareness skills to leadership environments
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## Skills

*Languages:* JavaScript, Python, HTML/CSS

*Technologies:* React, Node.js, Express, MongoDB, REST APIs, Git, Vercel, Render

*Concepts:* Full-Stack Development, API Integration, Data Automation, Local LLMS use, Customer Service