

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

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 while minimizing hallucinations along with local use

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

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

Social Gaming Club – *UIC*

Sep 2023 – Nov 2023

- Active member participating in community-building gaming events
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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