

# Dessislava Dusichka

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## EDUCATION

**Northeastern University Khoury College of Computer Sciences** — *Boston, MA* SEP. 2021 - MAY 2025

*Candidate for Bachelor of Science in Computer Science and Biology, Class of 2025*

- **GPA:** 3.97/4.0 | **Honors:** University Honors Program, Dean's List (all semesters)
  - **Coursework:** Algorithms and Data, Object-Oriented Design, Artificial Intelligence, Database Design, Foundations of Data Science, Accelerated Fundamentals of Computer Science I & II, Discrete Structures
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## TECHNICAL KNOWLEDGE

**Languages:** Java, Python, Go, C#, SQL, JavaScript, TypeScript, HTML, CSS

**Frameworks and Software:** React, Next.js, Express, MongoDB, Firebase, Docker, Git, Postman

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## EXPERIENCE

**NU Sci Magazine** — *Boston, MA*

JAN. 2022 - PRESENT

Writer and Senior Editor

- Writing two 750-word articles per semester for publication in Northeastern's science magazine
- Editing 10+ articles per semester by working closely with student writers and providing constructive feedback

**Blueport** — *Boston, MA*

JAN. 2023 - DEC. 2023

Software Development Co-op, Intern

- Implementing microservice endpoints in C# and Go to manage catalog data and power e-commerce sites
- Developing 30+ procedures and tables in SQL Server and Postgres for efficient data management
- Launching 9 self-service e-commerce management tools using SQL, JavaScript, and internal APIs in Retool
- Spearheading company tooling effort by documenting Retool processes and training other developers

**Generate** — *Boston, MA*

SEP. 2023 - DEC. 2023

Software Developer for Cairts Curates

- Collaborated with developers and designers to build a gift recommendation platform for a real-world client
- Implemented Figma mockups using React, TypeScript, and Tailwind, creating an aesthetic, intuitive UI
- Assisted with architecting database schema, built and tested endpoints in Go for managing user and gift data

**Khoury College** — *Boston, MA*

AUG. 2022 - DEC. 2022

Discrete Structures Teaching Assistant

- Hosted 4 office hours weekly for 800+ students and explained topics in discrete mathematics
  - Graded exams and 50+ homework assignments weekly and provided encouraging feedback for improvement
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## PROJECTS

**Concert Match**

JULY 2023 - PRESENT

- Created a dynamic concert-finding web application leveraging Ticketmaster's API for event discovery
- Engineered an efficient backend using MongoDB, Express, and Node.js to store and retrieve user preferences
- Currently developing group functionality allowing users to connect with friends and find shared concerts

**Chatterbox**

MAY 2023

- Developed a channel-based messaging website using React and Firebase for authentication and data storage
- Enhanced UX by supporting 3 sign-in methods (Google, email, and anonymous) with profile management
- Implemented real-time data synchronization, channel creation, and inappropriate language filtering

**Jeopardy**

APR. 2023

- Designed a real-time multiplayer Jeopardy game using React and Firebase for instant data synchronization
  - Enabled players to buzz in remotely, answer questions, and compete in teams
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**Interests:** crocheting, puzzles (jigsaw, number, and word), pinball, doubles tennis, yoga