Dessislava Dusichka

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Availability: January – June 2024

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:** 3.96/4.0 | **Honors**: University Honors Program, Dean's List (all semesters)
- **Coursework**: Algorithms and Data, Object-Oriented Design, Database Design, Foundations of Data Science, Accelerated Fundamentals of Computer Science I & II, Discrete Structures

TECHNICAL KNOWLEDGE

Languages: Java, JavaScript, Python, C#, SQL, TypeScript, HTML, CSS, R
Frameworks and Software: React, Next.js, Express, MongoDB, Firebase, Docker, Git

EXPERIENCE

Blueport — *Boston, MA* JAN. 2023 - PRESENT

Software Development Co-op, Intern

- Developing and maintaining 30+SQL Server procedures to manage store and catalog data
- Implementing C# microservice endpoints utilizing Postgres databases to power e-commerce sites
- Launching 8 internal and client-facing Retool applications leveraging SQL, JavaScript, and internal APIs
- Spearheading company tooling effort by documenting Retool processes and training other developers

Code4Community — *Boston, MA* MAR. 2023 - PRESENT

Software Developer

- Developing TypeScript code for a letter of recommendation app for the Abdul Latif Jameel Poverty Action Lab
- Completing tickets, participating in code reviews, and collaborating with project managers and designers

NU Sci Magazine — *Boston, MA* JAN. 2022 - PRESENT

Writer and Editor

- Writing 2 articles per semester on STEM topics for publication in Northeastern's science magazine
- Editing 8 articles per semester and providing constructive feedback to writers

Khoury College — *Boston, MA* AUG. 2022 - DEC. 2022

Discrete Structures Teaching Assistant

- Hosted 4+ office hours weekly, answered student questions, and explained topics in discrete mathematics
- Graded homework assignments and exams, provided encouraging feedback for improvement

PROJECTS

Concert Match JULY 2023 - PRESENT

- Created 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 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 bad language filtering

Jeopardy APR. 2023

- Designed a real-time multiplayer Jeopardy game using Firebase for instant data synchronization
- Enabled players to buzz in remotely, answer questions, and compete in teams

Interests: crocheting, puzzles (jigsaw, number, and word), pinball, doubles tennis, rock climbing