Dessislava Dusichka

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EDUCATION

Northeastern University Khoury College of Computer Sciences — *Boston, MA*   SEP. 2021 - PRESENT
Bachelor of Science in Computer Science and Biology, Expected May 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, MongoDB, Firebase, Docker, Git

EXPERIENCE

Blueport Commerce — Software Development Co-op, Intern   JAN. 2023 - PRESENT
- Creating and maintaining 30+SQL Server procedures to effectively manage store and catalog data
- Developing and refining C# microservice endpoints utilizing Postgres databases to power e-commerce sites
- Launching 8 internal and client-facing Retool applications using SQL, JavaScript, and internal APIs
- Spearheading company tooling effort by documenting Retool processes and training other developers

Code4Community — Software Developer   MAR. 2023 - PRESENT
- Developing code for a letter of recommendation web application for the Abdul Latif Jameel Poverty Action Lab
- Completing tickets, participating in code reviews, and collaborating with project managers and designers

NU Sci Magazine — Writer and Editor   JAN. 2022 - PRESENT
- 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 — Discrete Structures Teaching Assistant   AUG. 2022 - DEC. 2022
- 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   SUMMER 2023
- Created React concert-finding web application utilizing Ticketmaster's API to find relevant events
- Utilized MongoDB, Express, and Node.js to store and retrieve user interests
- Currently implementing group functionality allowing users to connect with friends and find shared concerts

Chatterbox   MAY 2023
- Developed React channel-based messaging website using Firebase for authentication and data storage
- Enabled 3 sign-in methods (Google, email, and anonymous) with profile management for user convenience
- Implemented real-time data synchronization, new channel creation, and bad language filtering

Image Processor   JUNE 2022
- Developed image processing application in Java using MVC design paradigm
- Runs using GUI or terminal (via commands or script file), opens and saves .JPG, .PNG, and .BMP files
- Capable of blurring, sharpening, flipping, brightening, darkening, and applying various color filters

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