

Dessislava Dusichka

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EDUCATION

Northeastern University, Khoury College of Computer Sciences — Boston, MA

SEP. 2021 – MAY 2025

Bachelor of Science in Computer Science and Biology

GPA: 3.97/4.0

- **Honors:** University Honors Program, Dean's List (all semesters)
 - **Coursework:** Software Engineering, Algorithms and Data, Object-Oriented Design, Artificial Intelligence, Database Design, Foundations of Data Science, Accelerated Fundamentals of Computer Science I & II
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TECHNICAL KNOWLEDGE

Languages: Java, Python, Golang, SQL, JavaScript, TypeScript, HTML/CSS, C#

Frameworks/Software: React/React Native, Next.js, Express, Dropwizard, Postgres, Snowflake, MongoDB, Docker

WORK EXPERIENCE

HubSpot — Cambridge, MA

JUNE 2025 – PRESENT

Software Engineer (Associations Backend team)

- Developing features to support relationships between objects in HubSpot's CRM using Kafka, HBase, and Hadoop
- Improving the reliability of some of the highest volume services and HBase clusters within the HubSpot platform

HubSpot — Cambridge, MA

JAN. 2024 – MAY 2024

Software Engineering Co-op (Business Intelligence Tooling team)

- Developed cron scheduling API using Java, Dropwizard, and MySQL for triggering dozens of SQL scripts
- Built UI with React and TypeScript; implemented scope-based authorization to protect global customer data
- Improved high-volume ETL ingestions for business intelligence needs using internal APIs, S3, and Snowflake

Blueport — Boston, MA

JAN. 2023 – DEC. 2023

Software Development Co-op

- Built microservice endpoints in C# and Go, using SQL Server and PostgreSQL to manage e-commerce data
 - Launched 9 self-service e-commerce management tools using SQL, JavaScript, and internal APIs in Retool
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CAMPUS EXPERIENCE

Generate Product Development — Boston, MA

Software Technical Lead

AUG. 2024 – MAY 2025

- Led 6 engineers through agile development of a carbon accounting web app and music review mobile app
- Conducted code reviews and mentored engineers; used Go, TypeScript, and React for feature development

Software Engineer

SEP. 2023 – APR. 2024

- Collaborated with 5 engineers & 4 designers to build a gift suggestion website and event-focused dating app
- Built and tested Go APIs and implemented Figma designs using React/React Native and TypeScript

NU Sci Magazine — Boston, MA

Editor-in-Chief

MAY 2024 – MAY 2025

- Shaped the creative direction of Northeastern's student-run science magazine through 4 print issues
 - Led team of 17 editors and 50+ writers and coordinated issue production with executive board
 - Edited 60+ articles per semester, providing feedback to refine content, clarity, accuracy, and engagement
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PROJECTS

Concert Match

JULY 2023 – AUG. 2023

- Built a concert-finding React app that processed 1,000+ events and artists using Ticketmaster's API
- Engineered an efficient backend using MongoDB, Express, and Node.js to store and retrieve user preferences

Chatterbox

MAY 2023

- Developed a channel-based messaging website using React and Firebase for authentication and data storage
 - Implemented Google sign-in, data synchronization, channel management, and bad language filtering
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Interests: puzzles (jigsaw, number, and word), pinball, doubles tennis, yoga, crocheting, reading nonfiction