

Kalina Monova

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Availability: May - December 2025

EDUCATION

Northeastern University

Boston, MA

Khoury College of Computer Science

Candidate for Bachelor of Science in Computer Science and Behavioral Neuroscience | GPA: 3.4/4.0

May 2027

Relevant Coursework: Human-Computer Interaction, Object-Oriented Design, Algorithms and Data, Database Design

COMPUTER KNOWLEDGE

Languages: Java, Python, SQL, R

Web/App Development: React.js, Node.js, HTML, CSS, MongoDB, Swift, Xcode,

Tools/Platforms: Docker, AWS, Visual Studio Code, Eclipse, IntelliJ IDEA

Systems: MacOS, Windows, Linux

PROJECTS

Personal Website (In progress): Designing a portfolio website using React.js, HTML, CSS, and Figma to create a wireframe. Showcases additional personal and academic projects.

Co-op Application Website: Developed a co-op application website with a team of 4, using Python, REST API, and SQL for dynamic functionality, Docker for containerization, and Figma for wireframes.

Stocks Portfolio Application: Designed a platform to mimic a stock application using Java, the Model-View-Controller (MVC) model, the command design pattern, an API, and abstraction.

LEADERSHIP EXPERIENCE & ACTIVITIES

AI Club - Northeastern University: *AI Perception Lab Member and AI/ML Bootcamp*

January 2025 - Present

- Researching semantic segmentation and causal inference to enhance object differentiation and visual data interpretation. Developing solutions to improve AI explainability through knowledge graph integration.

- Learning AI and ML techniques, including linear algebra and Python, data preprocessing and analysis, regressions and classification, and deep learning/neural networks.

Oasis - Northeastern University: *Software Developer*

January 2025 - Present

- Developing a platform to match people with similar bucket list items, using React.js, Node.js, and Supabase.

WeDev Club - Northeastern University: *Social Media Manager + UI/UX Designer*

October 2024 - Present

- Learning Swift and Xcode to design and develop iOS applications, including a functional to-do list app and an interactive rock-paper-scissors game.

- Creating social media posts using Figma and Canva to increase engagement on Instagram and gain more members.

NU Sci Magazine - Northeastern University: *Website Developer*

September 2024 - Present

- Collaborating with a web development team to build a full-stack website, implementing user authentication, and creating functionalities for article and photo management.

- Utilizing Git, REST API, React.js, Node.js, Express.js, MongoDB, and Docker to ensure robust back-end performance.

WORK EXPERIENCE

Knack

Boston, MA

Peer Tutor

February 2025 - Present

- Tutoring students in Algorithms and Data and Database Design through one-on-one and group tutoring sessions by personalizing tutoring strategies to individual learning styles, resulting in improved grades and comprehension.

Northeastern University - Sherman Center

Boston, MA

Social Media Manager, Newsletter Editor | Communications Team

September 2023 - December 2024

- Designed Instagram posts and graphics on Figma, coordinated with team to schedule weekly content and written communication to notify students of events/ opportunities, and increased engagement by 50% (@nushermancenter).

New York Hall of Science Museum

Queens, NY

Visitor Experience Intern

July 2022 - August 2022

- Provided customer service by assisting 200+ visitors and camp groups with inquiries, and developed strong communication and public speaking skills through daily interactions with diverse audiences.

SKILLS & INTERESTS

Languages: English (Fluent), Bulgarian (Fluent), Spanish (Intermediate)

Interests: Reading, running, pilates, gym, rock climbing

Certification: CPR Certified, PPE Certified