

Cevdet Batuhan Isik

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Availability: January – July 2026

Education

Northeastern University, Boston, MA

Khoury College of Computer Sciences

Candidate for a B.S. in Computer Science

Honors: 3.12/4.00 | Dean's List (Spring 2023)

Relevant Coursework: Artificial Intelligence, Software Development, Object-Oriented Design, Algorithms and Data, Computer Systems, Theory of Computation, Machine Learning and Data Mining, Mathematics and Data Models, Discrete Structures, Foundations of Data Science, Foundations of Cybersecurity, Information Retrieval

Leadership Experience: Co-President of Turkish Student Association (TSA) at Northeastern University, Delta Kappa Epsilon Fraternity

Computer Skills

Languages: Proficient: Java, Python, C, SQL, R | Familiar: Racket

Softwares: Git, GitHub, VSCode, ComfyUI, Eclipse, IntelliJ IDEA, Kali Linux, Google Colaboratory, RStudio

Work Experience

Deep Learning Intern | OBSS Technology | Istanbul, Turkey

June 2025 – August 2025

- Developed advanced inpainting workflows in ComfyUI to automatically remove objects from images and regenerate realistic background regions using diffusion-based models.
- Designed and implemented an AI realism evaluation algorithm in FiftyOne, leveraging LPIPS (Learned Perceptual Image Patch Similarity) and SSIM (Structural Similarity Index) to quantitatively assess visual fidelity between AI-generated and real images, enabling objective benchmarking of generative model outputs.

Skillstack Administrator Support Co-op | Northeastern University | Boston, MA

July 2024 – December 2024

- Audited and Optimized B2B Canvas LMS instance and ensured user reporting and sub-account structure within the platform
- Refined the support process via cross-departmental collaboration with faculty and staff and improved legibility and flow of documentation for both the B2B Canvas platform and Canvas Credentials
- Developed a solution and built a prototype app in a Salesforce Hackathon, where I leveraged Salesforce Flow Builder and Einstein Copilot to automate processes, integrating AI-driven solutions for real-world business needs

Data Analyst Internship | Witwiser | Istanbul, Turkey

August 2021 – September 2021

- Generated normal distribution graphs to analyze historical interview outcomes and recent interview performance
- Validated the adherence to a normal distribution curve through rigorous utilization of the advanced Q-Q Plot technique

Projects

Yelp-Based Restaurant Retrieval System | Python

April 2025

- Built a location-aware restaurant search system using Yelp's reviews and business metadata
- Implemented dense retrieval using SBERT + FAISS, and ranked results by review relevance and user proximity
- Enhanced query accuracy with ground-truth labels and evaluated with MAP@100 and custom relevance tiers

Salesforce Hackathon | Salesforce

November 2024

- Completed 56 hours of Salesforce Admin Training and developed a customized Salesforce solution to automate business workflows using Salesforce Flow Builder
- Integrated Einstein Copilot actions to streamline guest check-in processes and enhanced efficiency through AI-driven automation
- Delivered a functional prototype demonstrating innovative problem-solving and real-world use of Salesforce tools.

Maze Game | Java

April 2023

- Designed and implemented a program that generates fully randomized mazes and autonomously solves them
- Collaborated with a partner to build Breadth-First Search and Depth-First Search algorithms for pathfinding logic

Reversi | Java

December 2023

- Developed a complete Java implementation of Reversi with game logic and state management
- Built an interactive GUI with a custom hexagonal board, incorporating real-time visual updates and mouse/keyboard controls for smooth user gameplay

Volunteer Work

November | Delta Kappa Epsilon Fraternity

November 2024

- Championed initiatives to raise awareness and funds for men's health, focusing on prostate cancer, testicular cancer, mental health, and suicide prevention and successfully organized fundraising efforts, raising \$10,000 in donations to support these critical causes

Some of Batuhan's hobbies are F1 and weightlifting. He also likes How I Met Your Mother