

Aahil Nishad

Boston, MA | Danbury, CT

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EDUCATION

Northeastern University, Khoury College of Computer Sciences 3.89/4.0 - Dean's List
Candidate for B.S Computer Science, John Martinson Honors Program *Expected Dec 2026*
Highlighted Courses: Algorithms & Data, Fundamentals of Computer Science I & II,
Database Design, Website Production, Discrete Structures, Calculus I & II,
Mathematics of Data Models

SKILLS

Languages/Technologies: Java • TypeScript • HTML/CSS • Git • SQL • JavaScript • Python • C++
Frameworks: Next.js • Astro • React • Streamlit • Tailwind • Bootstrap

EXPERIENCES

- Software Developer** – Northeastern Electric Racing *Jan. 2024 – Present*
- Contribute to NER's FinishLine Project Management Dashboard, which manages all projects, teams, and finances using the in-house application. Now open to other Northeastern University organizations.
 - Used by 100+ engineers for the construction of a competitive Formula SAE and FH+E racing car.
 - Awarded the Project Management Award at Formula Hybrid + Electric 2024 at Loudon, NH.
- Lead Developer** – VEX Robotics [Team 5150H](#) *Sept. 2021 – June 2023*
- Implemented control systems in C++ and developed autonomous routing in cooperation with other members for team 5150H in use for 20+ competitions.
 - Received 17+ awards, including the Southern New England Regional "Tournament Finalist" for competition placement and "Think Award" for exemplary programming.
 - Placed as Semifinalists in the VEX Robotics Worlds Championships (2022 & 2023)

PROJECTS

- [Let's Link](#) *Feb. 2024*
- Developed [Let's Link](#), a web application to provide an informal way of scheduling meetups with friends.
 - Written with Next.js using Google Auth, GCal API, and MongoDB Atlas.
 - Awarded the MongoDB Atlas Award by Major League Hacking at [HackBeanpot2024](#).
- [CarbonConnect](#) *Jun. 2024*
- Developed a web-based carbon emission calculator, utilizing linear regression and TFIDF cosine-similarity to predict emissions from energy usage and matches to real-life conservation organizations.
 - Written with Python, SQL, Docker, Streamlit, and Flask
 - Lead the creation of MySQL relational databases and API routing to front-end and implemented front-end in collaboration with project members.
- [TUNUL](#) *Apr. 2024*
- Developed [TUNUL](#), a mobile-friendly navigation website for Northeastern University's tunnel system.
 - Front-end development using React.js and TypeScript; implemented Dijkstra's algorithm in JavaScript with JSON nodes.
 - Part of OasisNEU, worked on project management and teamwork dynamics.

HONORS

[MLH] Best Use of MongoDB Atlas, *HackBeanpot2024* (Feb 2024)
Highest Ranked Male, *Danbury High School* (2023)
President, *Model United Nations* (2021-2023)
President, *Mu Alpha Theta* (2021-2023)
Vice President/Event Coordinator, *National Honor Society* (2022-2023)
National Merit Commended Student (2023)
Languages: English (Native), Malayalam (Fluent), Spanish (Conversational), Hindi (Beginner)