

Ved Deshpande

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Education

Northeastern University

Expected May 2028

Candidate for B.S. Computer Science, Minor in Mathematics

GPA: 3.4/4

Relevant Coursework: Object-Oriented Design, Real Analysis, Foundations of Data Science, Computer Systems

Technical Skills

Languages: Java, Python, C, Assembly, HTML, CSS, JavaScript, LaTeX, DrRacket

Frameworks: PostgreSQL, AWS, Linux, Cloudflare, React.js, PowerShell, RESTful APIs, Selenium

Projects

NEU SquashHub – [neusquashhub.com](#)

November 2025 - Present

Full Stack Developer

- Open-source web app for NEU Club Squash with React.js, Node.js/Express.js, Cloudflare, and PostgreSQL stack
- Optimized database queries and improving frontend responsiveness, architected a custom self-service attendance tracking system for real time check-ins
- Managing tickets and code reviews; deployed on AWS EC2 with cloud email integration, supporting 35 DAUs

Premier League Performance Analysis

Data Science Project

September - December 2025

- Analyzed correlation between media coverage & team performance using regression models and data visualization
- Scraped Premier League statistics from ESPN using Python, Selenium, and Pandas; collected news articles via Guardian API

Sanguine Strategy Card Game

Developer

October - December 2025

- Built two-player card game in Java with MVC architecture and Swing GUI supporting human and AI players including minimax strategy
- Implemented mouse/keyboard interactions and comprehensive testing using mock objects

Light-Em-All Logic Game

Developer

January - April 2025

- Engineered randomized puzzle generator in Java using Kruskal's Algorithm, Union-Find, and graph theory for valid spanning trees
- Optimized game logic with BFS for win-state detection and architected OOD framework for multiple grid systems

Experience

Khoury FIRST — Workshop Facilitator

Boston, MA

Program Alumni & Co-Facilitator

September 2024 - Present

- Workshops and networking events for first-generation students in the Khoury College of Computer Sciences
- Co-facilitating and conducting workshops for incoming freshmen as program alumni starting Spring 2025

Northeastern Club Squash

Boston, MA

Vice President

September 2024 - Present

- Active member competing in practices and matches; traveled to Philadelphia for College Squash Association Nationals in February 2025
- Spearheading inter-club operations and organizing friendlies between numerous colleges on the east coast to enhance competition and comraderie

TalentHome Solutions LLP

Mumbai, India

Software Development & Social Media Marketing Intern

June - August 2023

- Completed Python training and integrated React.js/MongoDB into web projects while optimizing SEO strategies
- Optimized internal company database inventory management system with MongoDB

Extracurriculars & Interests

- Winner - STEM Boxes 2023 hosted by Australian National University
- Hosted TEDxYouth@PPSIJC in 2024
- Winner - International Roller Skating Championship, Hong Kong in 2016