

# Sanjay Nadkarni

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## EDUCATION

**Northeastern University**, Boston, MA | Khoury College of Computer Sciences **Sept 2023 - Present**

*Candidate for a Bachelor of Science in Computer Science and Business Administration* **Graduating May 2027**

GPA: 3.17/4.00

Relevant Coursework: Fundamentals of CS, Algorithms & Data, Object-Oriented Design, Discrete Structures, Financial & Managerial Accounting, Management Information Systems, Intro to Databases

## TECHNICAL SKILLS

**Programming Languages**: C++, Java, Python, Swift, R, HTML, SQL, JavaScript, CSS

**Technologies/Environment**: Linux, Microsoft Excel, Microsoft Office Suite, MySQLWorkbench, AWS

## PROJECTS

**Smart Reader App** (Java, Software Development) **Dec. 2024 - Jan. 2025**

- Built an accessibility app for dyslexic users with a customizable text display
- Improved skills in event-driven architecture, responsive design, and scalability
- Increased reading speed in dyslexic subjects by 20% and other subjects by 10%

**Stock Prediction Model** (Python, Machine Learning) **Nov. 2024 - Dec. 2024**

- Created a model using polynomial regression to forecast stock performance metrics
- Enhanced skills in algorithm analysis, data preprocessing techniques, and statistical modeling

**Tesla vs. General Motors** (Financial Analysis, Accounting) **Feb. 2024 - Mar. 2024**

- Evaluated Tesla and GM's income to assess investment viability and strategic recommendations
- Created creditor recommendations with 92% accuracy, guiding decisions on profitability and solvency.

## EXTRACURRICULAR INVOLVEMENT

**Vice President**, Beta Theta Pi (Boston, MA) **Dec. 2024 - Present**

- Led over 70 active brothers by planning events, managing budgets, and improving operations
- Subsidized chapter events, improving attendance by 25% and reducing operational costs by 15%
- Managed subcommittees focused on brotherhood development and standards compliance

**Developer**, WeDev (Boston, MA) **Oct. 2024 - Present**

- Collaborated on projects focused on iOS app design, enhancing Swift development skills
- Created an app to mimic a clothing e-store, including recommendation algorithms

## WORK EXPERIENCE

**Restaurant Services**, Tavistock Corporation (Wayland, MA) **Jan. 2023 - Aug. 2023**

- Improved the restaurant's high-quality dining to ensure a positive customer experience
- Collaborated closely with kitchen staff to timely deliver food in a busy environment

**Instructor**, Lifetime Kids Academy (Framingham, MA) **Sep. 2021 - Aug. 2022**

- Instructed gym classes, engaged groups of ~25 kids in fun, inclusive sports activities
- Oversaw the academy, appropriately dealing with incidents and promoting safety and cleanliness

## VOLUNTEERING

**Volunteer**, Youth in Philanthropy (Sudbury, MA) **Jan. 2022 - May 2022**

- Volunteered in a group of 12 to raise funds for nonprofits
- Raised \$1100 through locally organized fundraising events and donated it to two nonprofits, both aimed to help disabled individuals