

# Kunal Rajadhyax

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## EDUCATION

**Massachusetts Institute of Technology** | 4.73/5.0 GPA | 1590 SAT – 800 Math

**Class of 2027** | Cambridge, MA

*B.S. in Computer Science with AI & Decision Making and B.S. in Business Management*

**Relevant CS Coursework:** Intro to Algorithms, Fundamentals of Programming, Intro to Machine Learning, Linear Algebra, Probability and Statistics, Computer Vision, Intro to Computer Programming in Python

**Relevant Business Coursework:** Corporate Finance, Financial Accounting, Competitive Strategy, Managerial Finance, Principles of Microeconomics

## WORK EXPERIENCE

**Blueprint** | *Software Engineering Intern*

**Jun 2024 – Aug 2024** | Chicago, IL

*Mental health software company which provides an AI-powered web-app that enables clinicians to deliver higher-quality*

- Streamlined issue resolution in the app's codebase through paired programming and GitHub, enhancing code quality and stability
- Improved the company's app and website using JavaScript and React, boosting user experience and functionality
- Assisted in implementing the AI notetaker, resulting in over a 110% increase in both usage and revenue for the app

**MIT Electrical Engineering and Computer Science Department** | *Lab Assistant*

**Aug 2024 – Present** | Cambridge, MA

- Chosen from pool of 300 CS students to staff office hours, enhancing support and engagement in programming classes
- Guided students in debugging their code and implemented algorithmic techniques in Python to help them optimize their solutions

**MIT Institute for Data, Systems, and Society** | *Research Assistant*

**Feb 2024 – Aug 2024** | Cambridge, MA

- Explored and identified key factors driving optimal health and well-being, leading to actionable insights for improved outcomes
- Engineered an algorithm to quantify key factors of optimal health, creating a comprehensive assessment to calculate health score
- Integrated research from over 60 sources, culminating in a research paper with the algorithm, submitted to journals globally

**Congressman Raja Krishnamoorthi's Office** | *Operations Intern*

**June 2022 – Aug 2022** | Schaumburg, IL

*Legislative office for US Representative Raja Krishnamoorthi, dedicated to serving constituents in Illinois' 8<sup>th</sup> Congressional District*

- Engaged with district officers to analyze the daily operations of the district office, leading to enhanced operational insights
- Organized events for the congressman and his constituents, enhancing community engagement and outreach

## LEADERSHIP EXPERIENCE

**Theta Tau Professional Engineering Fraternity** | *Technology Chair and Service Chair*

**Sep 2023 – Present** | Cambridge, MA

*Professional engineering fraternity at MIT dedicated to fostering professional development, as well as promoting leadership and service*

- Elected by peers to oversee fraternity website/technology and promote community service through charitable organizations

**McKinsey & Company** | *Leadership Development Workshop*

**Feb 2024** | Boston, MA

- One of 30 students selected for interactive trainings on problem-solving, information synthesizing, and leadership

**US Kids 4 Water** | *Volunteer*

**Jan 2024** | Bangalore, India

*Organization committed to bringing volunteers to help nurture academic development in underprivileged Indian children*

- Organized activities for underprivileged Indian children to enhance their English language skills, fostering learning opportunities

**Freshman Mentor Program** | *Student Mentor Leader*

**Aug 2021 – June 2023** | Lincolnshire, IL

*School organization with the sole purpose of assisting first-years adjust to the rigors of Stevenson High School*

- Chosen from over 450 students to mentor freshmen, smoothing their transition into high school and enhancing their experience

## RELEVANT SKILLS

- Technical Skills: Programming Languages (Python, JavaScript, Java, React), Microsoft Office (Excel, PowerPoint, Word)
- Languages: English, Marathi, Spanish

## ATHLETIC ACCOMPLISHMENTS

**MIT Varsity Water Polo** | *Athlete*

**Aug 2023 – Present** | Cambridge, MA

- One of 5 players on the team to finish with 10 or more assists; team finish of third place at DIII National Championships
- Dedicated 10-20 hours a week to practice and games, achieving a high academic standing while excelling in both areas

**Stevenson Varsity Water Polo** | *Team Captain*

**Mar 2021 – June 2023** | Lincolnshire, IL

- Selected for the Illinois Water Polo Senior Scholastic Award; selected twice as a USA Water Polo Academic All-American

**Stevenson Varsity Swimming** | *Team Captain*

**Nov 2019 – Feb 2023** | Lincolnshire, IL

- Holds 3 school records (1 individual, 2 relays); team finish of state champion in 2022 and 3<sup>rd</sup> place at state in 2023

**Interests & Hobbies:** Piano; Traveling; Football/Basketball; Sports Analytics; Movies; Poker