# Jeet Hirenkumar Dekivadia

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## EDUCATION

**Georgia Institute of Technology**                                                                                     May 2027
*Bachelor of Science in Computer Science*                                                                          *Atlanta, GA*

- **Relevant Coursework:** Data Structures & Algorithms, Introduction to Object-Oriented Programming, Introduction to Discrete Math, Introduction to Computing, Linear Algebra and Vector Spaces, Introduction to Multivariable Calculus

## EXPERIENCE

**Software Engineering Fellow**                                                                          July 2024 – August 2024
*HeadStarter AI*                                                                                                      *New York City*

- Engineered innovative AI solutions using NextJS, OpenAI, RAG, Pinecone, and StripeAPI, achieving combined userbase of 1000
- Orchestrated the development lifecycle from concept through deployment, applying MVC design patterns to enhance scalability
- Applied Agile methodologies and microservices architecture from industry experts at Amazon, Bloomberg, and Capital One
- Led hackathons, innovating and delivering AI projects under stringent deadlines, significantly advancing user-centric solutions
- Revamped UI/UX design based on iterative user feedback, leading to more engaging applications with higher user retention rates

**Machine Learning Researcher**                                                                   November 2023 – December 2023
*Incognito Blueprints*                                                                                                *New York City*

- Optimized operational efficiency by 25% through advanced tech integration for small businesses, utilizing MySQL as database
- Enhanced decision-making speed by 30% by deploying analytical tools, improving the quality and timeliness of business insights
- Boosted project outcomes by 20% by collaborating with cross-functional teams to generate reports and strategic suggestions
- Fostered innovation and team knowledge sharing by creating detailed research documentation, supporting ongoing processes

**App Development Intern**                                                                          August 2023 – September 2023
*Cult.fit*                                                                                                             *Delhi, India*

- Increased user engagement by 15% by enhancing a fitness app for teens using React Native, resulting in better app functionality
- Elevated UX by 20% by working with the design team to implement user-friendly features and efficient navigation by everyone
- Refined app features by conducting user testing, incorporating feedback to enhance system performance and overall usability

**Data Science Intern**                                                                                    June 2023 – July 2023
*Samsonite*                                                                                                            *Delhi, India*

- Drove 10% increase in sales by analyzing data across Asia, providing actionable insights that influenced many business decisions
- Implemented predictive models with Tableau for advanced data visualization, supporting strategic decision-making processes
- Delivered critical analytical findings to senior management, driving data-informed strategies and enhancing overall effectiveness

## PROJECTS

**NetGuardian** | *Network Security Solution*                                                                        Acuity 2023

- Devised a network security solution that reduced breaches by 40% using Python and Flask, significantly improving protection
- Accelerated threat detection by 30% using ML algorithms, leading to a first-place finish in a competitive security challenge
- Showcased advanced technical skills by developing a high-performance security system, earning recognition in the competition

**PirateX** | *Anti-Piracy Ethical Hacking*                                                                  HackwithEthics 2023

- Achieved a 35% reduction in piracy rates by designing a robust anti-piracy system, markedly enhancing system security
- Refined hacking strategies and security protocols by more than 80%, securing first place at the prestigious security hackathon

**NeoLearn** | *AI-based Smart Education*                                                        New York Academy of Sciences 2023

- Improved learning outcomes by 20% by developing an AI-powered educational platform using TensorFlow, OpenCV and React
- Boosted student engagement by implementing adaptive learning algorithms, contributing to and receiving acclaim from NYAS
- Presented the AI platform's impact on modern learning during a presentation to NYAS, garnering recognition for innovation

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, SQL, JavaScript, HTML, CSS

**Frameworks and Libraries:** React, Node.js, Flask, PyTorch, NextJS, Firebase, OpenAI, StripeAPI, LangChain

**Developer Tools:** Git, VS Code, PyCharm, AWS (S3, SQS), DNS, GCP

**Technologies and Tools:** NumPy, Matplotlib, scikit-learn, Vectors, pandas, RAG, Auth