

Jeet Hirenkumar Dekivadia

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science, Concentration in Intelligence and Cybersecurity & Privacy

Expected May 2027

- **Relevant Coursework:** Introduction to Computing (CS 1301), Introduction to Object-Oriented Programming (CS 1331), Data Structures & Algorithms (CS 1332), Introduction to Discrete Math (CS 2050), Linear Algebra and Vector Spaces(MATH 1554)

EXPERIENCE

Software Engineering Fellow

July 2024 – August 2024

HeadStarter AI

Remote, NYC-Based

- 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.

CS Researcher

November 2023 – December 2023

Incognito Blueprints

Remote, NYC-Based

- 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

Remote, India-Based

- 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

Remote, India-Based

- 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

- 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

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

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