

# Jeet Hirenkumar Dekivadia

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## EDUCATION

### Georgia Institute of Technology

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

Atlanta, GA

Aug. 2024 – Present

### Indian School Sohar

CBSE: Class 12 - 96.8%, Class 10 - 98.8%

Sohar, Oman

March 2020 – May 2024

## EXPERIENCE

### Software Engineering Fellow

HeadStarter AI

July 2024 – Aug. 2024

Remote, NYC-Based

- Created AI solutions using NextJS, OpenAI, Pinecone, and StripeAPI, achieving a 98% accuracy rate and impacting 1000 users.
- Led the development process from design to deployment, implementing MVC design patterns to enhance project scalability.
- Gained insights into Agile methodologies and microservice architectures from engineers at Amazon, Bloomberg, and Capital One.
- Spearheaded hackathons, brainstorming and delivering AI projects under tight deadlines to meet user needs.
- Enhanced UI/UX by focusing on user feedback, resulting in engaging and user-centric applications.

### CS Researcher

Incognito Blueprints

Nov. 2023 – Dec. 2023

Remote, NYC-Based

- Improved operational efficiency by 25% through tech-integration for small-scale businesses, leveraging Python for data analysis.
- Streamlined decision-making processes by 30% with analytical tools, enhancing the quality of insights provided.
- Increased project outcomes by 20% by collaborating with cross-functional teams to deliver comprehensive reports.
- Facilitated team knowledge sharing and innovation through detailed research documentation.

### App Development Intern

Cult.fit

Aug. 2023 – Sep. 2023

Virtual, India-Based

- Boosted user engagement by 15% by developing a fitness app for teens with React Native, resulting in improved app functionality.
- Enhanced user experience by 20% through the implementation of intuitive interfaces in collaboration with the design team.
- Conducted user testing to gather feedback, refining app features for better usability and performance.

### Data Science Intern

Samsonite

June 2023 – July 2023

Virtual, India-Based

- Analyzed sales data for the Asian continent, providing insights that led to a 10% increase in sales.
- Developed predictive models, utilizing advanced data visualization with Tableau to support strategic decision-making.
- Presented analytical findings to senior management, driving data-driven decisions and enhancing overall business strategy.

## PROJECTS

### NetGuardian | Network Security Solution

ACUITY 2023 - NetSec Challenge

- Engineered a network security solution that reduced breaches by 40%, using Java and Flask to build a real-time security system.
- Enhanced threat detection speed by 30% through machine learning algorithms, leading to a 1st place finish in the competition.
- Demonstrated technical expertise and innovation by developing a robust solution that secured top honors in the challenge.

### PirateX | Anti-Piracy Ethical Hacking

STAI 2023 HackwithEthics

- Reduced piracy rates by 35% with an anti-piracy solution using ethical hacking techniques, enhancing system security.
- Refined hacking strategies and security measures, winning 1st place award at a prominent hackathon.

### NeoLearn | AI-based Smart Education

The New York Academy of Sciences

- Created an AI-based educational platform with TensorFlow and React, improving learning outcomes by 20%.
- Personalized learning experiences through machine learning algorithms, enhancing student engagement and educational impact.
- Presented the project to The New York Academy of Sciences, demonstrating its effectiveness and influence on modern education.

## TECHNICAL SKILLS

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

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

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

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