Jeet Hirenkumar Dekivadia

+1 (404) 379-0193 | jdekivadia3@gatech.edu | linkedin.com/in/jeetdekivadia | github.com/jeet-dekivadia | jeetdekivadia.co

EDUCATION

Georgia Institute of Technology — May 2027
Bachelor of Science in Computer Science, Threads: Information Internetworks & Intelligence — *Atlanta, GA*
- **Relevant Coursework:** Computer Organization and Programming, Data Structures & Algorithms, Objects & Design, Object-Oriented Programming (Java), Introduction to Computing (Python), Multivariable Calculus, Introduction to Discrete Mathematics

EXPERIENCE

HeadStarter AI — July 2024 – August 2024
Software Engineering Fellow — *New York City*
- Developed an AI-powered tool that assesses crime risk in real time, providing personalized safety tips attracting over 100 users.
- Led the end-to-end development lifecycle, employing MVC design patterns to create a highly scalable user safety application.
- Collaborated with cross-functional teams to implement Agile methodologies and microservices architecture.
- Contributed to ideation sessions and improved UX design through user feedback, resulting in a more intuitive interface.
- Translated user needs into innovative features that enhanced the application's functionality and appeal.

Incognito Blueprints — November 2023 – December 2023
Machine Learning Researcher — *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

Cult.fit — August 2023 – September 2023
App Development Intern — *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

Samsonite — June 2023 – July 2023
Data Science Intern — *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

SmartPath AI | *Big Data Big Impact Club @ Georgia Tech*
- Engineered an AI web-application with React.js, Typescript, Python increasing engagement by 25% for students revising for exam
- Developed PDF parsing system that analyzed over 100,000+ pages of study material, enhancing users' learning efficiency by 35%
- Utilized LLM models to generate personalized practice questions and explanations, improving retention and knowledge by 40%

SurgeVue | *PennApps XXV*
- Secured Best Overall 3rd from 100+ teams and Best AR/VR Hack, demonstrating innovation in healthcare technology
- Developed an Augmented Reality (AR) app to assist surgeons, decreasing operation errors by 20% through real-time visualization
- Integrated PyTorch, OpenCV, and Swift with IPU hardware, improving the app's speed and accuracy in detecting tumors by 30%

NetGuardian | *ACUITY 2023 Network Security Competition*
- Designed a network security solution that reduced security breaches by 40%, utilizing Python to detect and mitigate threats
- Implemented machine learning algorithms to enhance threat detection speed by 30%, winning 1st place in the competition
- Achieved a 98% threat detection accuracy, positioning the system as a leader in real-time protection

TECHNICAL SKILLS

Languages: LangChain, Python, C++, Java, JavaScript, R, SQL

Technologies: React, Node.js, Flask, PyTorch, Next.js, Firebase, MySQL, Docker, AWS (S3, SQS), Git

Concepts: Functional Programming, Quantitative Analysis, Data Structures & Algorithms, Statistical Modeling, Machine Learning, Test-Driven Development (TDD), Agile Software Development, Data Visualization