

Jiya Bhatia

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EDUCATION

Georgia Institute of Technology

Expected Graduation: Dec. 2027

MS in Bioinformatics (Starting Aug. 2026)

Georgia Institute of Technology

Expected Graduation: May 2026

BS in Computer Science — Concentrations in HCI and AI

- **Relevant Coursework:** Python, Statistics (R), Artificial Intelligence, Machine Learning, Genetics, Data Structures & Algorithms & OOP in Java and Python, Databases (MySQL), Software Engineering, UI Software

SKILLS

Programming Languages: Python, Java, C#, SQL, R, C/C++, Swift, HTML/CSS

Frameworks & Libraries: .NET, PyTorch, NumPyScikit-Learn, NumPy, Pandas

Tools: Git/GitHub, Microsoft Office, Firebase, VS Code, JetBrains, Android Studio, XCode

EXPERIENCE

Student Assistant @ College of Computing

May 2025 – Present

Georgia Institute of Technology

Atlanta, GA

- Provide front-desk and administrative support for advising office, streamlining scheduling for 200+ students
- Tutor 20+ students in Data Structures and OOP in Java, improving academic performance
- Collaborate with staff to improve peer coaching processes

Software Engineer Intern

Sep. 2025 - Dec. 2025

UKG

Atlanta, GA

- Develop and debug NUnit test cases to support UI and regression testing, helping decrease test failures by 55%, ensuring stable feature release
- Participated in CI/CD pipelines, validating automated builds and test workflows to maintain release quality
- Debug and resolve feature defects in C# and SQL, decreasing backlog items and improving overall user satisfaction, collaborating through GitHub & Jira

Artificial Intelligence Research Intern

May 2024 – Aug. 2024

Pyramid IT Consulting

Alpharetta, GA

- Built and automated test suites using Selenium and Katalon Studio, reducing manual QA time by 40%
- Delivered weekly Excel/Word-based reports using pivot tables, formulas, and automated VBA scripts, presenting insights to executives
- Explored integrations of AI tools into cloud platforms, enhancing system-level design thinking

PROJECTS

iOS Applications | Georgia Tech iOS Club

Aug. 2024 – May 2025

- Designed and developed full-stack iOS apps using Swift, SwiftUI, Firebase, and Figma in a team of 7 developers
- Utilized vector search, AI-powered feed recommendation algorithm, posting flow with AI assistance, increasing app efficiency by 14%
- Implemented data transformation and synchronization logic using Firebase Functions, simulating ETL pipelines

Collaborative Travel Management App | Software Engineering

Aug. 2024 – Dec. 2024

- Designed & developed a collaborative travel planning Android app in Java, using Firebase for backend
- Applied MVVM patterns to separate UI, business logic, and data layers

Sentiment Analysis & Star Rating Prediction | Machine Learning

Aug. 2024 – Dec. 2024

- Developed a Machine Learning algorithm using Python to classify Amazon product reviews into 1–5 star ratings using a dataset of 25,000+ reviews
- Queried, filtered, and aggregated Amazon product reviews from a SQL database, then performed sentiment preprocessing and label generation using NumPy and scikit-learn
- Implemented and compared three supervised models, achieving an average classification accuracy of 58%