

Saahil Khanna

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EDUCATION

Georgia Institute of Technology	B.S. Computer Science
Threads: Artificial Intelligence and Information Systems	Expected Graduation: May. 2026 / GPA: 3.7
Relevant Courses: System Networking, Computer Vision, Machine Learning, Artificial Intelligence, Database Management, Statistics and Applications, Algorithm Analysis, Multi. Calculus, Linear Algebra, Object-Oriented prog.	

WORK EXPERIENCE/RESEARCH

Equifax Software Engineer Intern	May 2025–Aug. 2025
<ul style="list-style-type: none">Updated full-stack monitoring tool using React, Node.js, PostgreSQL, and Docker, deployed to GKE (Kubernetes) with Istio and Ingress Gateway, providing live dashboards and alerting for GCP infrastructure and BigQuery performanceEngineered an ETL pipeline with Jenkins to automate data collection from thousands of SonarQube instances, aggregating results into BigQuery and powering a Looker Studio dashboard with 50,000+ key vulnerabilities displayed	
GT College of Computing VIP Researcher/Algorithm Developer	Jan. 2024–May 2025
<ul style="list-style-type: none">Conducted funded research on Large Language Models (LLMs) to autonomously optimize genetic algorithms, leading to improved model performance for point cloud classification and machine learning systems as a wholeResearched effects of island migration techniques on genetic diversity of algorithms utilizing DEAP in python	
GooseCart Mobile App Developer	May 2024–Dec. 2024
<ul style="list-style-type: none">Developed a cross-platform e-commerce application offering exclusive group order services locallyIncorporated secure payment functionalities and integrated Firebase through RESTful APIs utilizing React Native Expo for the front end and Python Flask for the back end	

PROJECTS

Morgan Stanley: Code To Give (2nd Place Winner) Full Stack Project	
<ul style="list-style-type: none">Developed a full-stack web application to connect Latinx students with companies for the ALPFA non-profitEngineered a machine learning-based matchmaking algorithm utilizing cosine similarity and automated resume parsing for personalized student-company matchesIntegrated Firebase for backend operations via RESTful APIs, using Vite and Tailwind CSS for the frontend	
QuickDrawAI Interactive Sketch Recognition Web App	
<ul style="list-style-type: none">Built a deep learning app combining CNNs + LSTMs to classify hand-drawn sketches in real time using TensorFlowDeveloped a custom UI to capture drawings and display live model confidence scores and top predictions	
Music Metrics Android Application	
<ul style="list-style-type: none">Developed a personalized Spotify Wrapped app with MVVM architecture in Java, integrating Firebase and Spotify API for data retrieval, allowing users to view insights on music listening habitsImplemented cross-device login, CI/CD pipeline, and export features, enhancing social sharing experiences	

LEADERSHIP/INVOLVEMENT

Student Government Association: IT Board Infrastructure & Security team	Aug. 2024 - Present
<ul style="list-style-type: none">Serving thousands of users monthly by helping maintain technology infrastructure for websites and projectsDevelop security protocols and testing across IT systems to mitigate risks and enhance data protection	
IOS Club App Developer/Active Member	Sep. 2023– Jan. 2024
<ul style="list-style-type: none">Created competition winning social media iPhone app for food enthusiasts using SwiftUI and FirebaseParticipated in bootcamps, building strong fundamental understanding of UI principles and IOS app development	

TECHNICAL SKILLS

Languages: Python, Java, Swift, JavaScript, MySQL, C/C++, HTML/CSS
Developer Tools: Git, Docker, Kubernetes, Jenkins, Nexus, Terraform, GCP (GKE, GCS, GCE, BigQuery)
Frameworks/Libraries: React, Node.js, Flask, PyTorch, DEAP, SwiftUI, TensorFlow JavaFX, Tkinter
Certifications: AWS Certified Cloud Practitioner, NOCTI Workforce Certified