Saddiq Rupani

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor's of Science in Computer Science   *Expected Graduation: May 2027*

- **Concentrations:** Artificial Intelligence and Information Internetworks
- **GPA:** 3.95/4.00
- **Awards:** Dean's List, Faculty Honors, Zell Miller Scholar, Platinum FCU Scholarship Winner
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Artificial Intelligence, Design & Analysis of Algorithms, Database Systems

EXPERIENCE

Delta Air Lines   Atlanta, GA
Analytics and Automation Intern   *January 2025 – Present*

- Automating **Tableau and Power BI dashboards** by engineering Python and SQL pipelines connected to **SAP and Oracle databases**, pulling **100,000+ flight records** to forecast passenger demand and reduce food costs by **12%**.
- Developing optimized SQL workflows using **CTEs, window functions, and indexing**, reducing query runtime by **23%** and improving data accuracy across **5+ reporting systems**.
- Collaborating in an **Agile Scrum team** of **7 engineers**, delivering **10+ sprint goals** and accelerating release cycles by **15%** through sprint planning, daily stand-ups, and backlog refinement.

Georgia Institute of Technology College of Computing   Atlanta, GA
Teaching Assistant   *May 2024 – Present*

- Instructing and mentoring **500+ students** in **Python programming, algorithms, and exam preparation** through recitations, office hours, and course support.
- Teaching advanced CS concepts including **Data Structures, Object-Oriented Programming, and complexity analysis**, contributing to a **6% improvement** in average exam scores.

Cold Stone Creamery   Atlanta, GA
Manager   *June 2022 – August 2024*

- Supervised teams of **7–10** crew members to serve the demand of **200+ daily customers** efficiently and in a timely manner.
- Managed finances and social media, analyzing sales to drive an **8% profit** increase and producing **3 weekly posts**.

PROJECTS

NBA Game Winner Predictor | *Python, Machine Learning, NumPy, Pandas*   *August 2025 – Present*

- Cleaning and preprocessing a dataset of **17,000+** NBA games using Python (Pandas, NumPy, BeautifulSoup), performing feature engineering and splitting into training and testing sets.
- Training a Ridge Classifier model to predict NBA game outcomes, applying supervised learning and cross-validations to assess performance, achieving an **accuracy of roughly 70%** and outperforming baseline models.

WanderSync | *Java, Android Studio, Firebase*   *August 2024 – December 2024*

- Developed a full-stack Android application using Java and Firebase, integrating CRUD operations, user authentication, and database management to support housing, transportation, and travel logistics.
- Collaborated in Agile sprints with Git-based version control, pull requests, code reviews, unit testing, and Scrum ceremonies, delivering production-ready features on schedule.

LEADERSHIP

Ismaili Students Network (ISN)   Atlanta, GA
Campus Lead Representative   *August 2025 – Present*

- Directing cross-campus initiatives uniting **60+** Ismaili students at Georgia Tech and organizing collaborations that reached more than **3,000** students nationwide, strengthening cultural engagement and community presence.
- Coordinated college-access programming for **120+** students from **25** high schools, delivering campus tours and admissions workshops that improved awareness of Georgia Tech's resources.

The Ismaili Volunteering   Atlanta, GA
Volunteering Team Lead   *May 2021 – Present*

- Leading **50+ volunteers** to coordinate daily prayers and ceremonies for over **400** attendees, ensuring smooth operations, community engagement, and consistent event execution across gatherings.
- Teaching classes of more than **30 K–12 students** about the **1,400-year history** of Ismaili faith, creating interactive lessons and activities to improve knowledge retention.
- Organizing Camp Mosaic for **85+ youth**, managing logistics and participant information to ensure compliance and safety.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, PostgreSQL, MySQL
Frameworks & Libraries: React.js, Node.js, JUnit, Pandas, NumPy, Matplotlib, OpenCV, Firebase
Developer Tools & Environments: Git, GitHub, VS Code, IntelliJ, Android Studio, Linux/Unix
Cloud & Infrastructure: AWS Cloud Practitioner Essentials