# Laksh Makhija

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## OBJECTIVE

Driven Georgia Tech student delving deeper into various fields within Computer Science with a passion for developing software and collaborating to build projects that solve real world problems

## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA                                     Aug 2023 – May 2026
- Candidate for Bachelor of Science in Computer Science (concentration in Intelligence and Systems & Architecture)
- Coursework: Discrete Mathematics, Objects & Design, Data Structures & Algorithms
- GPA: 4.0

## SKILLS

**Languages:**     English and Hindi
**Programming:**   Java, JavaScript, Python, HTML, CSS, SQL, SwiftUI, Firebase and Lua
**Frameworks:**    Angular, React, React Native, Spring Boot, NodeJS, MongoDB, REST API and LOVE2D

## WORK EXPERIENCE

**EmQube**, Dubai, UAE                                                             June 2023 – Aug 2023
*Software Tester & Mobile App Developer*
- Tested their in-development Facility Management Software called CAFM Pro
- Developed a Cross-Platform Mobile Application using React Native
- Created a UI documentation for CAFM Pro

**Triway Technologies**, Dubai, UAE                                               July 2021 – Aug 2021
*Software Development Intern*
- Developed frontend using Angular and a backend API using Spring Boot that handled a SQL database.
- Learnt about professional convention and standards

## TECHNICAL PROJECTS

**Inter-School Tournament Tracker Web Application**, Dubai, UAE                   Jan 2022 – July 2023
- Developed a full stack web application using React and Django to track inter-school tournaments
- Created an algorithm to track and manage matches
- Displays results, standings, and match fixtures
- Allows schools to keep record of all tournaments that take place which students can use as proof of their past tournament standings

**Elite English School iOS Communicator**, Dubai, UAE                            Apr 2022 – Mar 2023
- Developed a mobile application using React Native for Elite English School
- Features included fee tracker, attendance tracker, exam reports, subject posts, and general circulars
- Reduced miscommunication between school and students by 60%

**Safety Ambassadors Program**, Dubai, UAE                                        Apr 2021 – Nov 2022
- Collaborated with the Dubai Police to develop a web application using Django to educate students (Gr 3-8) on digital safety through games and modules
- Impacted over 1500 users with an 80% improvement rate observed through pre and post surveys

## CLUBS & LEADERSHIP

**GT Web Dev Club**                                                               Aug 2023 – Present
*Deputy Leader of Project FashionGPT*
- Created an application that harnessed React, MongoDB & ChatGPT to generate customized outfits through images

**Epic Intentions**                                                              Aug 2023 – Present
*General Consultant*
- Working towards providing technology access and education to under-resourced youth and their communities

**GT iOS Club**                                                                  Aug 2023 – Present
*Junior Developer*
- Developing ThoughtBank (an online thought exchange platform) using SwiftUI and Firebase