Komal **Shrivastava**

US Citizen | Email: komals@gatech.edu **| Cell:** 770-605-4872
LinkedIn: www.linkedin.com/in/komal-shrivastava **| Github:** https://github.com/kshriv

Professional Summary:

I am a graduating computer science major at the Georgia Institute of Technology looking for a full-time position in Software Engineering. I have a diverse background software and a wide range of technical and analytical skills due to my personal projects and prior internships. I enjoy challenging projects and can adapt well to different teams and situations.

Languages:

Python, Swift, Objective-C, Java, C, C++, JavaScript, HTML, CSS, SQL,

Relevant subjects:

Data Structures and Algorithms, Object-Oriented Programming, Objects and Design, Intro to AI, Robotics, Computer Architecture, Human-Computer Interaction, Statistics, Discrete Mathematics, Linear Algebra, Calculus, Physics

Extracurriculars:

- NASA Undergraduate Student Launch Initiative
- FRC Robotics

Skills

- iOS Development, Xcode, Cocoa
- Full Stack
- UI/UX
- Adobe Suite (XD, Photoshop, etc.)
- Github, Mercurial, and Zenhub
- Database design/management
- APIs (JSON, Rest)
- Android Studio
- Agile/SCRUM processes
- CRM tools
- Arduino

EDUCATION:

Georgia Institute of Technology | Aug 2018 - Dec 2021
BS in Computer Science

EXPERIENCE:

Facebook | Summer 2021
Software Engineering Intern
- Worked on the Facebook iOS app on the Groups Tab team.
- Used Objective-C and internal Facebook frameworks, including GraphQL, to design and develop functionality for creating collections of groups.
- Implemented UI for suggesting group sets to user based on calculated preferences and added UI functionality for users to access their group collections and view the feeds.
- Curate the optimal user experience for discovery of group sets.

Adobe | Summer 2020
Software Engineering Intern
- Used Objective-C and C++ to add features to Adobe's Fresco app for iPad including new tools and enhancements to previous tools. Examples include the eyedropper tool and transform tool.
- Became familiar with MVC code structure, wrote unit tests, and collaborated with designers to curate optimal user experience.
- Worked with both the UI and backend side of the app and learned how to build iOS apps without a storyboard.
- Delivered features shipped in versions 1.9 and 2.0 of Fresco.

IBM | Summer 2019
Full Stack Software Development Intern
- Developed an internal application responsible for tracking and displaying data from IBM's on-site data center lab as part of the Cloud and Cognitive Software's DevIT team.
- Participated in IBM's Intern Hackathon with a blockchain project.

PERSONAL PROJECTS:

Land of a Thousand Hills
- Contracted with a team to develop a scalable iOS app for the coffee chain Land of a Thousand Hills
- Integrated their POS system to handle thousands of orders and mobile payments
- Developed user experience and front end of the app along with the backend database structure

MixIt:
- Developed an iPhone app that simulates a DJ Mixer and allows users to manipulate and play music through their phone

VistaValue:
- Developed an expense-tracking app that's simple and fun

IBM Blockchain Hackathon Project:
- Developed a software to combat deep fakes and corrupted video footage. **Currently under patent review.**