

Komal Shrivastava

Georgia Institute of Technology | Computer Science | Expected: May 2022

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Objective:

US Citizen

A third-year computer science major at the Georgia Institute of Technology with threads in Intelligence and People looking for a full-time summer internship in Software Engineering.

Languages:

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

Relevant subjects:

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

Personal Projects:

iOS App: An iPhone application that simulates a DJ mixer.

iOS App: A nightlife forum hosting nightly live data.

More projects: <https://github.com/kshriv>

IBM Blockchain Project: Developed a software to combat deep fakes and corrupted video footage

Currently under patent review.

Skills

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

EXPERIENCE:

Adobe | Software Engineering Intern

Summer 2020

Worked on Adobe's Fresco app for iPad. Used Objective-C and C++ to add features to Fresco including new tools and enhancements to previous tools. I familiarized myself with the 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 without a storyboard. Features I delivered shipped in versions 1.9 and 2.0 of Fresco.

IBM | Full Stack Software Development Intern

Summer 2019

Worked in the Cloud and Cognitive Software's DevIT team developing an internal application responsible for tracking and displaying data from IBM's on-site data center lab. Building both the front end and back end of the application using primarily JavaScript and PHP paired with HTML and CSS. Utilizing JavaScript libraries and Rest APIs as well as Adobe Suite. Also participated in IBM's Intern Hackathon with a blockchain project.

NASA Student Launch | Software Team Member

Fall 2018 - Spring 2020

Was on the Georgia Tech team competing in NASA's Student Launch annual rocketry competition. Was a member of the Payloads team designing the implementation of all payloads on the rocket. Worked on the software and electrical design team to design, test, and implement the software and electrical board behind the project. Also completed design review (PDR, FRR, CDR).

R6 Industries | Full Stack Software Development Intern

Spring 2019

Worked with a start-up company to assist in the development of a dashboard which pulls data from various disaster shelters about supplies, occupancy, and occupant condition.

UP TV | UI/UX Intern

Summer 2018

Built and enhanced webpages, redesigned their phone app and started the development process, and created digital marketing material.

INTERESTS/FUN FACTS:

FRC Alum | Governor's Honors Program (GHP) 2016 Engineering Major | NCWIT member | Participation in multiple hackathons | GT dance