

# SAMI AHMAD KHAN

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## SUMMARY

I like to build things. Presently, I am a graduate student at Illinois Institute of Technology, with Specialization in Distributed and Cloud Computing. I mainly work with Java to create various applications like the one I have created for P2P File transfer system. But I also know way around Python, JavaScript and Shell Scripting. So I am looking for Internship where I can enhance my skills and learn new skill sets.

## EXPERIENCE

**Geeta Infotech India Pvt. Ltd.** • Lucknow, India • September 2013 - June 2014

Junior System Administrator

- Maintained and Administered computer systems and workstations providing technical support and troubleshooting the existing networks to resolve problems.
- Configuring, monitoring, upgrading and maintaining hardware and software systems.
- Provided security to the systems and ensure that no individual is able to access the systems without prior permissions.
- Assisted in maintaining network services such as Dynamic Host Configuration, Active Directory and Domain name.

## ACADEMIC PROJECT

### Automatic Fire Extinguisher Robot

Designed a fully functional fire extinguisher Robot that will automatically detect fire in a closed place and extinguishes it. Microcontroller designed using MATLAB.

### De-centralized Peer-to-Peer File Transfer System

This project is Java Based Decentralized Peer to Peer File Sharing System. Point-to-Point (P2P) technology enables the sharing of computer resources such as files by a direct exchange between end-user's computers. That means files are not stored on a central server. Instead, client software works as a server for shared files on an individual's computer. This allows each computer with the software to act as a mini-server from which other P2P users can download files.

## EDUCATION

### Masters in Computer Science

Illinois Institute of Technology • Chicago, IL • 2017 Spring (Expected)

### Bachelor of Technology in Electronics and Communication

Amity University • Uttar Pradesh, India • 2013

## SKILLS

C++ • Java • JavaScript • Swift • Apache Hadoop • Python • Shell Scripting • Linux