A N K U R   K H E M A N I
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EDUCATION

University of Southern California, Los Angeles, CA   May 2017 (Expected)
Master of Science (MS) in Computer Science   GPA: 3.93/4.0

ITM University, Gurgaon, India   May 2014
Bachelor of Technology (B.Tech.) in Computer Science   GPA: 9.01/10

TECHNICAL SKILLS

I have around 3 years of experience developing full-cycle Mobile (**Android)** applications.
Languages: **Java**, **Python**, C++, SQL
Web Development: HTML, CSS, JavaScript, JQuery, Bootstrap, Flask
Development Software: Eclipse, Android Studio, JIRA, Git
Cloud Services: Parse, Firebase, AWS, Google Analytics, Azure
OS: Linux, Mac OS X, Windows

WORK EXPERIENCE

Yahoo! Sunnyvale, CA | Software Developer Intern   May'16 to Aug'16
- Android Developer at Yahoo Esports
- Video Processing & Analysis using OpenCV and ML algorithms, aimed at automating digital content creation.

Information Sciences Institute, USC, Los Angeles, CA | Student Web Developer   Apr'16 to May'16
- Developed the study for human face recognition and face verification using Human Interaction Tasks (HITs) in Amazon MTurk, which is generated through an external website I built using Boto and Flask.

Sapient Global Markets, Gurgaon, India | Technical Associate   Jul'14 to May'15
- Worked on a randomized algorithm for simulating Stock Exchange system based on several parameters
- Created Web applications deployed on Tornado Server using Django & Python.

Gray Routes Innovative Distribution, Mumbai, India | Android Intern   May'13 to July'13
- Developed the Android client for **GrayStock** - an automated cloud based mobile solution with built in analytics enabling large Indian consumer goods companies to track inventory and personnel in retail outlets, which they otherwise miss due to low connectivity in rural areas. It leverages GPS & Camera on low-cost smartphones especially tailored for rural India.
- Worked in a startup culture with around 10 employees. GrayStock raised **$100K angel round** funding in Mumbai, India.

HP (Hewlett Packard), Noida, India | Intern   June'12 to July'12
- Developed an in-house Android application for employee safety using Location and Google Maps APIs.

PROJECTS

ANDROID
- *IQ Test, What's my IQ?* - Scores IQ of the player using an engaging and adaptive quiz. **Over 1.5 million downloads**.
- *Daily Laws* - A novel app designed to make Indian laws, rights and legal workflows easily accessible to those who need it. It provides solutions to common legal issues we encounter in daily life.
- *WelConnect* - helps new families integrate smoothly into their new school district and community by connecting them to available resources and support programs (developed under USC School of Social Work)
- *Guess The Song* - An intriguing song quiz app where you have to identify the song/movie/cast after an audio clip is played.

WEBSITES
- *Momentum'12* - Lead the web design team of 'College Annual Cultural Fest'
- *ISTE Students Chapter* - Developed website of the leading technical society in college

HACKATHONS
- **DeepWatch**: Power of CV & NLP applied to video-consumption   (**Best Hack & Best Microsoft Hack**, HackGT '16)
- **Netra**: mobile assistant for the visually challenged to describe surroundings   (**Best Hack**, USC Mobile Hacakthon '16)
- **Fotosynthesis**: Web application to generate smart captions for images   (**Best Microsoft Hack**, Hacktech '16)
- **Chatwise**: Real-time topic detection and prompts in a chat application   (**Honorable Mention by Microsoft**, LA Hacks '16)

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