

**ANKUR KHEMANI**  
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## EDUCATION

**University of Southern California**, Los Angeles, CA  
Master of Science (MS) in Computer Science

May 2017  
GPA: 3.9/4.0

**ITM University**, Gurgaon, India  
Bachelor of Technology (B.Tech.) in Computer Science

May 2014  
GPA: 9.01/10

## TECHNICAL SKILLS

I have around 3 years of experience developing full-cycle Mobile (**Android**) applications.

Languages: Java, Python, C++, SQL  
Android Development: Dagger 2, RxJava, Retrofit, Gradle, Stetho, etc  
Web Development: HTML, CSS, JavaScript, JQuery, Bootstrap, MongoDB, Flask  
Development Tools: Android Studio, Jira, Git  
Cloud Services: Azure, AWS, Firebase

## WORK EXPERIENCE

**Tinder**, Los Angeles, CA | Software Development Intern (Android)

Jan'17 to May'17

- Rewrite the entire *Tinder Profile* (part of huge refactoring effort across the app).
- Integrated Facebook Ads Network into the core Tinder recommendations.
- Developed *custom* permissions requested by the app (better UX).
- All above features now in production, with 99.5% crash-free users.

**Yahoo!** Sunnyvale, CA | Software Development 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.

**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 Jul'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 fast-paced startup with less than 10 employees, which raised **\$100K angel round** funding from this prototype.

## 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

- *Information Science Institute, USC* - 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.
- *Momentum '12* - Lead the web design team of 'College Annual Cultural Fest'

## 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 Hackathon '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)

[Website://ankurkhemani.github.io](http://Website://ankurkhemani.github.io)

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