

ISHAN GULIANI

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SUMMARY

Completing masters degree in Computer Science in 2020. Two year experience in tech startups. Spent one year working with the Google ecosystem as Google Student Ambassador 2014-15.

EXPERIENCE AND CONTRIBUTIONS

Graduate Research Assistant (Center for Cybersecurity, Rochester Institute of Technology) Sept 2018 - Present	<ul style="list-style-type: none">• Writing development tools to assist ongoing user behavior research.• Successfully deployed chrome extension written on content script with django backend to inject fake posts in Facebook timeline. Set up analytics to track user interaction for a study.• Tools: content-script, chrome dev-tools, qualtrics, survey monkey, python, javascript
Software Engineer (Applo Mobile Solutions) Aug 2016 - Nov 2017 1.25 years	<ul style="list-style-type: none">• Successfully lead team of 5 junior members to scale core product from 0 to 100,000 users in 15 months• Did public and close door pitching to VCs in USA and Singapore to raise \$200K+• Built and deployed deferred deep linking and firebase cloud messaging modules on Android platform• Wrote proguard rules to achieve 70% compression. Did deep exploration of gradle build system.• Tools: bash, adb, pycharm, app engine, compute engine, firebase, ec2, lambda, beanstalk, s3
Google Student Ambassador (Google LLC) Aug 2014 - Sept 2015 1.1 years	<ul style="list-style-type: none">• 1 out of 177 engineering students selected by Google from India for the GSA program 2014• Directly `mentored and taught over 2000 engineering students over 24 months• Trained university students in cloud computing, mobile app development and digital marketing• Lead 15 member team core and 140 volunteer team - Held 12+ zero budget events across universities

EDUCATION	Graduate (Aug 2018 – present)	Master of Science Computer Science, Rochester Institute of Technology, GPA: 4
	Undergraduate (Aug 2012 – Jul 2016)	Bachelor of Technology Computer Science GGSIP University, India, GPA : 3.64

SKILLS	Team skills and platforms	excellent written and spoken communication, slack, asana, scrum, postman
	Languages and tools	java, python, javascript, unix shell, django, git, REST, gcp, firebase, aws, gradle, android studio
	Courses taken	advanced OOP principles, data structures and algorithms, computer networks, algorithms, big data

PROJECTS AND SUCCESS MEASURES

- Network packet analyser in Java *Dec 2018– Jan 2019*
Wrote a packet analyser that extracts packet information from **tcp, udp and icmp** network packets. Used **Wireshark** to create **hex** dumps and imported in Java program - all manipulations done using logical and **bit shift operators**.
- Applo Studio: Create Your Own Mobile App *Aug 2016– Nov 2017*
An app that lets anyone get their own mobile app in less than 1 minute without having any knowledge of coding. Built integral engineering building blocks since version 1 in **debug and release** environments. Rolled out 50+ builds with a 5 member team to scale to 100K+ users.
Success Measure: Scaled from 0 to **100,000+ users**. 10,000+ DAUs. **Best startup** at *4th India International MSME and Startup Expo 2017*.
- Glance- News In Three Short Bullets *November 2015– July 2016*
An information discovery app to provide users with news in 3 bullet points. Increased image response time by writing using amazon lambda scripts to **compress heavy images** on server side. Integrated deferred deep linking, push notifications and background syncing.
Success Measure: Scaled to **40,000+ users** within first 6 months of launch.

AWARDS AND RECOGNITIONS

- **National Best Startup Award** | Issued by: *4th India International MSME and Startup Expo 2017* *Aug 2017*
- **Best App Award** | *National Hackathon* | Issued by : IIIT-Delhi *Mar 2015*
- **Debate Champion for 2 years** | Inter University Debate Competition | Awarded by : GGSIP University *Mar 2013,14*
- **The Ambassador of Brotherhood Award** | Most contributory student of the year | Don Bosco School *March 2012*