

ISHAN GULIANI

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SUMMARY

Completing masters degree in Computer Science in 2020. Two year **tech startup** experience. Spent one year with the **Google ecosystem**. Looking for summer/fall 2019 **internship** or **co-op** as full stack **software engineer**.

EXPERIENCE AND CONTRIBUTIONS

Graduate Research Assistant (Center for Cybersecurity, RIT) Sept 2018 - Present	<ul style="list-style-type: none">Built chrome extension in content script with django backend to inject fake posts in FacebookDeployed the wsgi app on ubuntu box over ec2 running apache and nginx reverse proxyTools: chrome-devtools, unix cli, wsgi, django, python, javascript
Software Engineer (Applop Mobile Solutions) Aug 2016 - Dec 2017 1.5 years	<ul style="list-style-type: none">Lead a team of 5 junior members to scale core product to 100,000+ usersSet up cd pipeline to roll out 80+ builds and achieved 70% apk compression using proguard.Wrote modules for deferred deep linking and in app notifications on AndroidDid public and close door pitching to VCs in USA and Singapore to raise \$200K+Tools: bash, adb, pycharm, app engine, compute engine, firebase, lambda, beanstalk, s3
Google Student Ambassador (Google) Aug 2014 - Sept 2015 1.1 years	<ul style="list-style-type: none">1 out of 177 engineering students from India for the GSA program 2014Directly mentored and taught over 2000 engineering students over 24 monthsTrained university students in cloud computing, Android app development and digital marketingLead 15 member core team and 140 volunteer team - Held 12+ zero budget events across universities

EDUCATION Graduate (Graduating in May 2020) Master of Science Computer Science, Rochester Institute of Technology, **GPA: 4**
Undergraduate (Graduated in July 2016) Bachelor of Technology Computer Science GGSIP University, India, **GPA : 3.64**

SKILLS Languages and tools java, python, nginx, javascript, proguard, unix shell, django, gcp, aws, gradle, android studio
Key courses Specialising in distributed systems - computer networks, algorithms, big data, parallel computing
Social skills excellent written and spoken communication

PROJECTS AND SUCCESS MEASURES

- Routing Information Protocol v2 implementation | Java, Socket programming, Multithreading *Feb 2019– Mar 2019*
 - Designed **from scratch** a system with 10 **self stabilizing routers** exchanging **RIP packets** on UDP over **multicast ip**.
 - Implemented **distance vector routing algorithm** and **split horizon** with poisoned reverse to stabilize on sudden topology change
 - Network packet analyser | Java, Wireshark *Dec 2018– Jan 2019*
 - Wrote a **packet sniffer** to extract and process information from **tcp, udp and icmp** network packets.
 - Program accepts **wireshark hex** dumps and runs manipulations on **byte streams**.
 - Applop Studio: Mobile app in 1 minute | Android, Python, django, REST *Aug 2016– Nov 2017*
 - An app to **deploy** mobile **app** in less than a minute **without coding**
 - Developed **cms** in **django** and managed deployment on **nginx** running on **gcp cluster**
 - Wrote **modules** from **scratch** - deferred **deep linking**, push **notifications** and background **job scheduler**.
- Success Measure:* **National best startup award**. Scaled to **100,000+ users** with 10,000+ DAUs.

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*