

# ISHAN GULIANI

Personal: [ishanguliani.com](mailto:ishanguliani.com)

LinkedIn: [in/ishanguliani](https://www.linkedin.com/in/ishanguliani)

Phone: +1 (585) 666-0008

Github: [github.com/ishanguliani](https://github.com/ishanguliani)

Email: [ig5859@rit.edu](mailto:ig5859@rit.edu)

## SUMMARY

Completing masters in Computer Science in 2020. Two year **tech startup** experience. Spent one year with the **Google ecosystem**. Looking for Spring/Summer 2020 **internship** or **co-op** as backend **software engineer**.

## EXPERIENCE AND CONTRIBUTIONS

<b>Software Engineer Co-op</b> <b>Backend</b> HubSpot Inc June 2019 - Present	<ul style="list-style-type: none"><li>Part of team that tracks, segments and reports high velocity events for product teams and customers</li><li><b>Tools:</b> spark, hadoop, zookeeper, kafka, hbase</li></ul>
<b>Graduate Research Assistant</b> (Center for Cybersecurity, RIT) Sept 2018 - May 2019 9 months	<ul style="list-style-type: none"><li>Built <b>chrome extension</b> in <b>content script</b> with <b>django backend</b> to inject fake posts in <b>Facebook</b></li><li>Deployed the <b>wsgi app</b> on <b>ubuntu box</b> over <b>ec2</b> running <b>apache</b> and <b>nginx</b> reverse proxy</li><li><b>Tools:</b> chrome-devtools, unix cli, wsgi, django, python, javascript</li></ul>
<b>Software Engineer</b> (Applop Mobile Solutions) Aug 2016 - Dec 2017 1.5 years	<ul style="list-style-type: none"><li>Lead a team of 5 junior members to scale core product to <b>100,000+ users</b></li><li>Set up <b>cd pipeline</b> to roll out <b>80+ builds</b> and achieved <b>70% apk compression</b> using <b>proguard</b>.</li><li>Wrote modules for <b>deferred deep linking</b> and <b>in app notifications</b> on Android</li><li>Did <b>public</b> and <b>close door pitching</b> to <b>VCs</b> in USA and Singapore to raise <b>\$200K+</b></li><li><b>Tools:</b> bash, adb, pycharm, app engine, compute engine, firebase, lambda, beanstalk, s3</li></ul>
<b>Google Student Ambassador</b> ( Google ) Aug 2014 - Sept 2015 1.1 years	<ul style="list-style-type: none"><li>1 out of <b>177</b> engineering students from India for the <b>GSA program</b> 2014</li><li><b>Directly mentored</b> and taught over <b>2000</b> engineering <b>students</b> over 24 months</li><li><b>Trained</b> university <b>students</b> in <b>cloud</b> computing, <b>Android</b> app development and digital marketing</li><li>Lead <b>15 member</b> core <b>team</b> and 140 volunteer team - Held 12+ zero budget events across universities</li></ul>

**EDUCATION** Graduate (Graduating in May 2020) Master of Science Computer Science, Rochester Institute of Technology, **GPA: 3.61**  
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 computer networks and distributed systems - algorithms, parallel computing  
Key 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**.

## 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*