

# Shlok Nikhil Gujar

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## EDUCATION

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<b>Georgia Institute of Technology, USA</b>	<b>GPA- 4/4</b>	<b>Expected: Dec 2020</b>
Master of Science in Computer Science with Specialization in Machine Learning		
Relevant Courses: Machine Learning, Data Visual Analytics, Deep Learning for Text, Natural Language Processing, Grad Algorithms		
<b>Sardar Patel Institute of Technology, India</b>	<b>GPA- 9.03/10</b>	<b>July 2015 - May 2019</b>
Bachelor of Engineering in Computer Engineering		

## PROFESSIONAL EXPERIENCE

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<b>Amazon, Irvine</b>	<i>Intern-Full Stack Developer</i>	<b>May 2020 – July 2020</b>
<ul style="list-style-type: none"><li>Worked in the Devices Organization on Amazon Luna, a cloud gaming platform</li><li>Implemented Authentication, Authorization and infrastructure setup of the website using Native AWS. Completed security review which included designing the architecture review doc, threat model doc, manual code and automated code review</li><li><i>Technical Skills Gained-</i> TypeScript, NodeJS, React, Java, AWS lambdas, Route 53</li></ul>		
<b>Gromor Finance, Mumbai</b>	<i>Intern-Full Stack Developer</i>	<b>May 2018 - July 2018</b>
<ul style="list-style-type: none"><li>Developed a Financial SMS Analyzer, which categorizes the client's messages into Bank transactions and Card transactions by developing Regular Expressions to parse messages. The analyzer could provide monthly transactions, amount credited/debited and so on. A research paper on the same has been published by ICCSIE. Link- <a href="https://bit.ly/2uXFZU3">https://bit.ly/2uXFZU3</a></li><li>Implemented Location Tracker Module which tracks the location of a salesperson using MongoDB as the database</li><li><i>Technical Skills Gained-</i> Java, Android, MongoDB, GWT, Eclipse</li></ul>		
<b>Skinzy Solutions Pvt Ltd, Mumbai</b>	<i>Research Intern-Android Developer &amp; Mentor</i>	<b>Nov 2017 – May 2018</b>
<ul style="list-style-type: none"><li>Played an instrumental role in research on the diagnosis of skin disease using machine learning algorithms</li><li>Developed android application titled 'DermaPhoto', available on Google PlayStore. Users could upload images of skin infections and get predicted results. Website- <a href="http://skinzy.in">skinzy.in</a>, PlayStore- <a href="https://bit.ly/2FTQ7zi">https://bit.ly/2FTQ7zi</a> . App has more than 5K downloads.</li><li><i>Technical Skills Gained-</i> Java, Python, Android, Django, CNN, MySQL, HTML</li></ul>		
<b>Rubit Technologies, Mumbai</b>	<i>Intern- UI/UX Designer</i>	<b>Jan 2018 - March 2018</b>
<ul style="list-style-type: none"><li>Developed the UI of a social media application that was soon to be released</li><li>Designed UI of a cryptocurrency portal through that users can trade different cryptocurrencies with other users, write blogs.</li><li><i>Technical Skills Gained-</i> Photoshop, HTML, CSS, PHP, Android</li></ul>		

## TECHNICAL SKILLS

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- Languages:** Java (Proficient), Python (Intermediate), TypeScript (Intermediate), JavaScript (Intermediate)
  - Databases:** MySQL, MongoDB, Firebase, SQLite, Hadoop, Scala
  - Development Skills:** HTML, CSS, Android, NodeJS, Laravel, Django, iOS, D3, AWS Technologies

## PUBLICATIONS & PROJECTS

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<b>Encoding Long-Term Context for Personalized Dialogue Generation- NLP Project</b>	<b>Feb 2020 – April 2020</b>
<ul style="list-style-type: none"><li>Encoded long-term dependency between dialogues on FRIENDS dataset using LSTMs and GRUs using PyTorch</li><li>Generated personalized dialogues by using a Personalized Encoder to learn the semantics of the character</li></ul>	
<b>Yellow Insights – Data Visualization project</b>	<b>Oct 2019 – Dec 2019</b>
<ul style="list-style-type: none"><li>Choropleth-based heatmap divided as per zones of NYC embedded on Google Maps using JavaScript's D3 library</li><li>Used Google's BigQuery to aggregate open NYC 2018 Cab data and average trips per region, average tip, surcharge &amp; so on</li></ul>	
<b>Visual Question Answering on Short Video Clips - Final Year Undergraduate Project</b>	<b>Aug 2018 - Mar 2019</b>
<ul style="list-style-type: none"><li>Developed a solution to gain a complete understanding of the video by consolidating clip level understanding, to ease the process of answering questions and making predictions about outcome. Research paper on the same has been published</li><li>Implemented using ML, specifically Convolutional Neural Networks, and NLP. Link- <a href="https://bit.ly/32sdCK4">https://bit.ly/32sdCK4</a></li></ul>	
<b>SPlacer - Placement Portal</b>	<b>June 2017 - Nov 2017</b>
<ul style="list-style-type: none"><li>Eased the process of placements by developing a website and an android application for college students through which students can register for various companies which visit the college for placement. Led a team of 8 for this project</li><li>Google PlayStore- <a href="https://bit.ly/36YzA9i">https://bit.ly/36YzA9i</a>, Website- <a href="http://splacer.spit.ac.in">splacer.spit.ac.in</a></li></ul>	

## LEADERSHIP AND EXTRACURRICULAR

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- JacobsHack, Germany:** 24-hour Hackathon - Developed one-stop solution for finding details of particular object, using ML
  - Technical Head:** College Festival - Responsible for developing an android application and an iOS application for the promotion of various events. Google PlayStore- <https://bit.ly/2uR6iuR>, iOS AppStore- <https://apple.co/2topvnr>
  - Teaching Assistant:** Graduate level Algorithms TA, responsible for designing, grading assignments & taking office hours
  - Teach For India:** Volunteered for almost a year to teach under privileged students subjects like Mathematics, Science