

# Aviral Gupta

GitHub: avi1310

Email : aviral.gupta@columbia.edu

Mobile : (+91) 8287534185

EDUCATION	<b>Columbia University, NY, USA</b> Master of Science, Computer Science (Software Systems) <b>Aug'18 – Dec'19 (Expected)</b>
	<b>Guru Gobind Singh Indraprastha University, New Delhi, India</b> Bachelor of Technology in Information Technology <b>Aug'13 – May'17</b> <b>GPA (WES): 3.8/4.0</b> <b>Institute Rank: 1, University Rank: 5</b> Courses: Web Engineering; Software Engineering; Algorithms and Design Analysis; OOPs; Database Management Systems
EXPERIENCE	<b>Intern, All India Council for Technical Education,</b> <b>Ministry of H.R.D., Govt. of India</b> Mentor: <b>Dr. N.H. Siddalingaswamy</b> Oct'17 - Mar'18 <ul style="list-style-type: none"><li>Implemented the winning project at <b>Smart India Hackathon 2017</b>, <i>Prediction of Admission &amp; Jobs in Engineering &amp; Technology/Management/Pharmacy</i></li><li>The aim of the project was to build a decision support system to help quantify the employment potential of an institute/course under assessment and thus augment AICTE's handbook approval system for technical institutions in India</li></ul> <b>Web Development Intern, Snapdeal, Gurgaon, India</b> Jun'16 - Aug'16 <ul style="list-style-type: none"><li>Optimized the e-commerce website's page load performance with an improvement in TTFB (Time to First Byte) by 7% (100ms)</li><li>Integrated Olark Chat, a third-party chat application, for first time users along with report of their journey on the website using JS and AJAX</li><li>Researched and presented the idea for <i>Lite Website</i> with effective user bandwidth detection</li><li>Wrote Python scripts to organize resources and optimize build times</li></ul>
PROJECTS	<b>Mobile Flashcards: An iOS Quiz Application using React Native</b> This app allows users to study and create a collection of different categories of flashcards called "decks", add flashcards, and then take quizzes on those decks Dec'17 <b>Readable: A Web Application using React JS and Redux</b> Built a social content and discussion web application that allows users to submit content in addition to voting and commenting Nov'17 <b>Freeword: A Web Application using Django, JS and Bootstrap</b> Built a question-answer web application similar to Quora as a platform where users could express their opinions freely and anonymously Oct'16 <b>JavaScript Based Web Browser Games</b> Developed <i>Space Invaders</i> and <i>2048</i> games using JavaScript Dec'15
INDEPENDENT COURSEWORK	<b>React Nanodegree Program, Udacity</b> Jul'17 - Dec'17 <b>Web Dev. Course (Elixir), Coding Blocks, New Delhi</b> Aug'15 - Dec'15 <b>Microsoft's Online Certi. Course "DEV203x: Intro. to Bootstrap", edX</b> Jun'15
TECHNICAL SKILLS	<b>Web Development:</b> JS, React.js, React Native, Django, Node.js, jQuery, AJAX, Bootstrap, CSS <b>Programming Languages/Others:</b> Python, C/C++, C#, JAVA, GIT, SQL
ACHIEVEMENTS	<b>Winner, Smart India Hackathon 2017:</b> Over 7200+ teams pan India competed in a 36-hour Hackathon organized by the Govt. of India Apr'17 <b>Honorable Mention at ACM-ICPC</b> (Association for Computing Machinery – International Collegiate Programming Contest) National Regionals, Kolkata after qualifying amongst the <b>top 60 institutes of India</b> Dec'15