Aviral Gupta

CONTACT
INFORMATION

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EDUCATION

Columbia University   **Aug'18 – Dec'19 (Expected)**
Master of Science, Computer Science (Software Systems)

Guru Gobind Singh Indraprastha University   **Aug'13 – May'17**
Bachelor of Technology in Information Technology   **GPA (WES): 3.8/4.0**
Courses: Web Engineering; Software Engineering;
Algorithms and Design Analysis; OOPs; Database Management Systems

EXPERIENCE

Intern, All India Council for Technical Education,   **Oct'17 - Mar'18**
Ministry of H.R.D., Govt. of India   **Mentor: Dr. N.H. Siddalingaswamy**
- Implemented the winning project at **Smart India Hackathon 2017**, *Prediction of Admission & Jobs in Engineering & Technology/Management/Pharmacy*
- 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

Web Development Intern, Snapdeal, Gurgaon, India   **Jun'16 - Aug'16**
- Optimized the e-commerce website's page load performance with an improvement in TTFB (Time to First Byte) by 7% (100ms)
- 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
- Researched and presented the idea for *Lite Website* with effective user bandwidth detection
- Wrote Python scripts to organize resources and optimize build times

PROJECTS

Mobile Flashcards: An iOS Quiz Application using React Native   **Dec'17**
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
Readable: A Web Application using React JS and Redux   **Nov'17**
Built a social content and discussion web application that allows users to submit content in addition to voting and commenting
Freeword: A Web Application using Django, JS and Bootstrap   **Oct'16**
Built a question-answer web application similar to Quora as a platform where users could express their opinions freely and anonymously
JavaScript Based Web Browser Games   **Dec'15**
Developed *Space Invaders* and *2048* games using JavaScript

INDEPENDENT
COURSEWORK

React Nanodegree Program, Udacity   **Jul'17 - Dec'17**
Web Dev. Course (Elixir), Coding Blocks, New Delhi   **Aug'15 - Dec'15**
Microsoft's Online Certi. Course "DEV203x: Intro. to Bootstrap", edX   **Jun'15**

TECHNICAL SKILLS

Web Development: JS, React.js, React Native, Django, Node.js, jQuery, AJAX, Bootsrap, CSS
Programming Languages/Others: Python, C/C++, C#, JAVA, GIT, SQL

ACHIEVEMENTS

Winner, Smart India Hackathon 2017: Over 7200+ teams pan India competed in a 36-hour
Hackathon organized by **the Govt. of India**   **Apr'17**
Institute Topper and University Rank 5 in B.Tech Information Technology   **2013-2017**
Honorable Mention at ACM-ICPC (Association for Computing Machinery – International
Collegiate Programming Contest) National Regionals, Kolkata amongst the **top 60 institutes of
India**   **Dec'15**