**Kartik Mathur**  
Ph: (213)421-6370 Site: <https://kartikmat.github.io/modern_portfolio> LinkedIn: <https://goo.gl/te5L6j> Email: [kmathur@usc.edu](mailto:kmathur@usc.edu)  
  
**EDUCATION  
University of Southern California,** Viterbi School of Engineering**,** Los Angeles, CA Graduation: December 2020Bachelor of Science - Computer Science & Business Administration. GPA: 3.4 **WORK EXPERIENCE****Google LLC - Technical Solutions Consultant Intern June 2019 -August 2019**

**Instasafe - Software Development Intern** **June 2018 -August 2018**

* Worked for Instasafe a cloud delivered cybersecurity service, on their website and their consumer data analytics.
* Analyzed and visualized security data and helped customers understand their applications security and accessibility.
* Designed a force graph that shows points where a serious threat can emerge from.
* Trained in Java, PHP and Python.

**Teacher’s Assistant- Data Science and Operations- USC January 2018-May 2018**

* Conducted and designed course, constructed tests, prepared materials, graded and assisted students with assignments.
* Achieved further learning of optimization techniques in Python and understood usage of data in decision making.
* Collaborated with Graduate and PhD students in a workplace setting.

**TECHNICAL PROJECTS  
Facebook Help Center Fall 2018**  
*Data Analyst*

* Collaborated with Facebook to research market penetration and mobile use in developing countries.
* Analyzed data from over 30 academic databases to discern key UI/UX solutions for better communication.
* Successfully presented our solutions and recommendations to Facebook researchers and developers.

**Caption Searcher Summer 2018**  
*Full-Stack Developer*

* Developed an application like Shazam for YouTube, which filters user searches to only 50 videos at a time.
* Empowered users with the ability to search for videos without the need for a title or description.
* Learned about HTTP, and advanced JavaScript techniques.

**Reddit Comments prober Summer 2018**

* Invented a React application that helps users identify popular keywords for highly rated comments.
* Contributed to the current Reddit API and open source community, with over 200 lines of code.
* Gained further understanding of frameworks like JavaScript and CSS.

**Deadline Management Application Fall 2018**

* Created an Android application that helped over 40 college students organize their schedules and deadlines.
* Learned about the fundamentals of Software Engineering and Agile Development.
* Collaborated with a team of five students to build and maintain the application.

**SKILLS & INTERESTSLanguages:** English, Hindi, French  
**Programming Languages:** Python, C, C++, Java, SQL, Unix Shell  
**Web Technologies:** HTML, CSS, JavaScript and HTTP, Flask, Google Cloud Platform