DEEPANSHU SHARMA

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ACADEMIC QUALIFICATION

MS in Computer Science:	University of Texas at Dallas, USA	2019-21	GPA: **3.67**
Bachelor of Tech in CS:	VIT Vellore, India	2014-18	GPA: **8.46**

TECHNICAL SKILLS

Languages:	C++, Python, Java, PHP, JavaScript, SQL, AJAX, JSON, HTML, CSS
Libraries:	Selenium, SciKit, Pandas, Tkinter, OpenCV, Bootstrap
Env & Misc:	Node.JS, Android SDK, LAMP, WordPress, Linux, Windows, Raspberry Pi

WORK EXPERIENCE

Software Engineer, **Mercedes Benz Research & Development, India**   Aug `18 - Jun `19
- Promoted within 6 months of joining to lead a new project, working directly with HQ in Germany.
- Delivered 17x increase in performance by developing a new software for campaign monitoring and report generation. Reducing 94% of daily time consumption over the older system.
- Worked in data Analytics on the "Big Car Data" project utilizing real-time data from Mercedes' Cars for future product development.

Intern, **E – Connect Solutions Private Limited, India**   Dec `16 - Jan `17
- Worked on a web-based project for the state govt. of Rajasthan, India: Citizen grievance redressal portal - "Jan Sampark". It allowed citizens to raise complaints to the officer of the concerned public department.

PROJECTS

Stock Trading Web App: PHP, MySQL, HTML5, Bootstrap   Fall 2019
- Developed a SOA based 3-tier responsive stock trading web app, including relevant APIs & web services to connect to the 3rd party REST API. Features: Trading, Scheduling, Queue, Memcache, SSL.

Factory Layout designer, Mercedes-Benz: Python, Tkinter, Scikit   Spring 2019
- Achieved tremendous cost savings, through 70% reduction in licensing needs. Realised by developing a factory floor designing software, as a substitute for a *Dassault Systemes* software.
- It helped create factory layouts and simulate the production process by mapping robots, workers, accessories, and procedures involved in development.

Reverse Image Search App: Android   Summer 2020
- Developed an android app which facilitates reverse image search, using Google's APIs, through image share feature as well as text-based search using android text highlight popup menu.

Connected Vehicle: Driver Assistance and Safety Module: Python, OpenCV, LAMP   Spring 2019
- Developed a Raspberry Pi based module to detect objects/people in front of a car and provide auditory/haptic feedback to the driver if the distance is less than ideal.
- It detected accidents, sent alert to contacts with GPS location, incident footage & live stream link.

URL Shortener: LAMP stack, HTML5, Bootstrap   Fall 2017
- Developed a web service for URL shortening, used the unique submission key to get a base 36 string. Included features: custom URLs, click tracking, user auth.

ACTIVITIES & ACHIEVEMENTS
- Member, Robin Hood Army, worked to help the less fortunate with food drives, Bengaluru
- Organizer, Ethnic day | Inter-dept. Football & Cricket competition, Mercedes-Benz R&D
- International Olympiad Scholar, Science Olympiad Foundation
    International Cyber Olympiad, State rank 1, Asia rank 40
    National English Olympiad, State rank 2, National rank 60