

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, JS, ReactJS, Node.JS, AJAX, MySQL, JSON, HTML, CSS
 - **Libraries:** Selenium, SciKit, Pandas, Tkinter, OpenPyXL, OpenCV, Bootstrap
 - **Env & Misc:** Windows, Linux, LAMP, Raspberry Pi/Arduino, WordPress, Tableau
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WORK EXPERIENCE

Software Engineer, **Mercedes Benz Research & Development, India** May '18 - Jun '19

- Promoted in 6 months to create & head a new team, working directly with counterparts at HQ in Germany.
- Developed a new software for campaign monitoring and report generation, reducing 94% of daily time consumption (120 computer hours to 7) over the older system.
- Worked on Big data Analytics in the "Big Car Data" projects utilizing diagnostic data from Mercedes' Cars for quality assurance and product development.

Intern, **E – Connect Solutions Private Limited, India** Dec 16 - Jan 17

- Worked in a web-based project for the state government of Rajasthan, India: Citizen grievance redressal portal - "Jan Sampark". It allowed citizens to raise their concerns and complaints to the officer of the concerned department of respective govt. bodies.
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PROJECTS

Factory Layout design software, Mercedes-Benz R&D, India Team Size: 3

- Developed factory floor designing software, in Python, for internal use as a replacement for a *Dassault Systemes* software.
- Helped create factory layout and simulate the production process by mapping robots, workers, accessories, and procedures involved in system design and development.

Connected Automobiles: Advanced Driver Assistance and Safety Spring 2018

- 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.
- Device detected collisions and sent alert to the pre-selected contacts with GPS location, footage of the incident, and a live stream link.

Tools: Raspberry Pi, Python, OpenCV, LAMP

URL Shortener Fall 2017

- Developed a web service for URL shortening, used the unique submission key (automatically generated) to get a base 36 string. Included features: custom URLs, click tracking, user authentication.

Tools: PHP, MySQL, HTML, CSS, LAMP stack

ACTIVITIES & ACHIEVEMENTS

- Member, Robin Hood Army, worked to help the less fortunate with food drives, Bengaluru, 2018
- Organizer, Ethnic day | Inter-dept. Football & Cricket competition, Mercedes-Benz R&D 2018-19
- Member, Technology and Gaming Club, VIT, Vellore, involved in event organization, 2016-17
- International Olympiad Scholar, Science Olympiad Foundation, April 2014
International Cyber Olympiad, State rank 1, Asia rank 40
National English Olympiad, State rank 2, National rank 60