SAKSHAT SURVE

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Education

The University of North Carolina at Charlotte	**Charlotte, USA.**
Master of Science in Computer Science / GPA – **4.0/4.0**	**Expected: May 2020**

Courses: Algorithms and Data Structures, Databases, Computer Graphics, Machine Learning, Computer Networks, Cloud Computing

University of Mumbai	**Mumbai, India.**
Bachelor of Engineering in Computer Engineering	GPA – **7.55/10.0**	**Graduated: May 2018**

Software Skills

Programming: Python, Java, C, HTML5, CSS, MySQL, Bootstrap, Javascript, Jupyter, SQL,WebGL, Pandas, Numpy, Matplotlib.
Skills: Data Modelling, Data Analysis, Data Visualization, Data Cleaning,
Statistical Analysis: Clustering, Logistic Regression, Linear Regression, Neural Networks.

Projects

Real Time Event Detection:
- Collected data from social media feeds by applying web scraping methods such as Data Harvesting.
- Performed Stemming and Tokenization on them and used it to identify the type of disaster and notify the users via text messages.
- Applied semantic analysis to classify tweets and detect event occurrence in real-time and provide location estimation of manmade and natural disasters.

Floor Navigator:
- Developed a replica for 2 floor building and created a model to navigate it in first person using WebGL and JavaScript.
- Added textures and lighting to make the model realistic.

Healthcare Management System:
- Made a Database on Healthcare Systems using MySQL.
- Implemented queries for this database using Data Definition and Data Manipulation languages.

Disk Scheduling:
- Implemented Disk Scheduling algorithms in Operating Systems like First in First out (FIFO), Shortest Seeking Path First (SSPF), etc.
- These algorithms were implemented on C using graphics library showing the graphical representations of how the algorithms work.

Martial arts:
- Created a Website using HTML, CSS and Bootstrap for Martial Arts Academy.

Cricket League:
- Distributed database on Indian Cricket League using Data Definition language and MySQL.

Certificates and Workshops

- Course Certificate for Blenders-Basics (Feb 2016).
- Two-day workshop on Django Framework (Feb 2016).

Extracurricular Activities

- Conducted a Self-Defense workshop for women (2018).
- Co-logistics Head, Association for Computing Machinery (College Student Chapter, 2016).
- Volunteer, Indian Development Foundation (NGO, 2015).