Venkata Dubagunta

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EDUCATION

Texas A&M University **College Station, Tx**
Bachelor of Science in Computer Engineering *December 2020*
Department of Computer Science and Engineering *Current GPA: 3.682 / 4.0*

EXPERIENCE

PESU IO **June 2017 – April 2018**
- Technical Executive at a startup that provides online peer tutoring
- Worked on subject matter evaluation, website development, marketing and logistics

CENTRE FOR PATTERN RECOGNITION AND MACHINE LEARNING **May 2017 – August 2017**
- Participated and conducted initial levels of research on an open source computer vision problem based on OpenCV

INDEPENDENT RESEARCH **January 2019 - Present**
- Self- motivated research on computer vision technology and applications of object recognition using Python, Arduino, C/C++ and OpenCV

SOAR ENGINEERING DESIGN TEAM **September 2019 - Present**
- A member of the programming sub-team which is responsible for the design of autopilot systems for unmanned VTOL aircrafts.

OTHER PROJECTS
- Built a prototype of an automated parking lot assignment system that guides vehicles to the nearest and appropriately sized parking spot
- Built a self-driven robot powered by an arduino chip that had to pick out specified colored objects.
- Built a website that allowed students to upload academic information to get suggestions for scholarships, internships and resume building.

LEADERSHIP AND INVOLVEMENT

NATIONAL LEVEL COLLEGE FESTS, PES UNIVERSITY
- Organizer for Epsilon Science Fest **January 2017 – March 2017**
- Organizer and Mentor for The Amateur Scientist **June 2017 – August 2017**

WRITE ANGLE A-TEAM **June 2017 – May 2018**
- Part of the core editing team of a literary club at PES University
- Wrote articles and poetry for events and the college editorial magazine.

TEXAS A&M DATA ANALYTICS CLUB **January 2018 – Present**
- Marketing officer – Website development, Networking, Designing marketing strategies, management of logistics

SKILLS AND INTERESTS

PROGRAMMING SKILLS

C/C++	Python	R	HTML	JavaScript	PHP
CSS	SQL	MongoDB	Perl	Arduino	

MAJOR COURSES AND TOPICS TAKEN

Data Structures	Design and Analysis of Algorithms	Discrete Mathematics and Logic	Database Management Systems
Web Development	Statistics and Data Science with Python	Machine Learning (in progress)	Computer Architecture

HOBBIES AND EXTRACURRICULARS
- Sports: Basketball (Played Inter-school and state level tournaments), Badminton
- Literary and Arts: Poetry writing and open mics, Guitar, Vocals (Trained in Indian Classical music)
- Others: Participating in hackathons, workshops and graphic designing