VASANT VERMA KURVARI

Plano, Texas • (469) 531-4384 • vasant290@gmail.com

OBJECTIVE

Seeking a technical internship for Summer 2019 to develop my data analysis, optimization, and coding skills.

EDUCATION

Texas A&M University, College Station, Texas   May 2020

Bachelor of Science in Industrial Engineering

Minors in Computer Science & Mathematics

Cumulative GPR: 3.74 & Major GPR: 3.86

EXPERIENCE

Texas A&M Corps of Cadets & United States Air Force, College Station, Texas

O.R. Simpson Executive Officer & Major Unit Scholastics Sergeant   August 2015 – Present

- Supervise 3 different staff branches including the test bank, accountability, and mentoring.
- Handle all financial matters of the 200+ member organization with about $4500 fund transactions.
- Learned how to effectively implement policies to 4 units with different academic strategies and goals.

Texas A&M Engineering, College Station, Texas

Cybermanufacturing: Polymer Testing Researcher   May 2018 – Present

- Developed & still analyzing controlled experiments on various polymers comparing 3 different sets of variables using G-Code controlled CNC machines including a laser cutter machine and a milling machine.
- Summarized 100+ data points into a grouped fitted-line chart and provided a concise set of analyzed data into a table to convey the results.

Epilepsy Prevention: Data Analytics Researcher   August 2017 – May 2018

- Utilized machine learning oversampling & parsing techniques to predict seizures 5-10 min in advance.
- Coded a functional verification program that correctly assessed the prediction results ~90% of the time.

Texas A&M Industrial Engineering, College Station, Texas

ISEN 230 - Programming in Excel VBA: Teacher's Assistant   January 2018 – May 2018

- Managed 2 classes of 60 students each in Virtual Basic Application for Excel by grading assignments, administering quizzes, and hosting office hours which occupied 14 hours a week.
- Improved the average GPA by 0.12 points by providing additional office hours, active engagement with students outside the classroom, and constant feedback with the professor to assess class performance.

PROJECTS

Texas A&M Engineering, College Station, Texas

Aggies Invent: Invent for the Planet   February 2018 – Present

- Designed a versatile, affordable, and eco-friendly lamp to assist children in impoverished areas. Created prototype using SolidWorks. Won 1st in both Aggies Invent & Venture Wells OPEN Minds conference.
- Invented & progressing a product with 3 translatable parts, 1 rotation axis, easy to disassemble & compact, and with 6 LED bulbs that can supply light to 5 children for 5 years at a price of $5 per unit.

SKILLS

Proficient with Microsoft Excel, Python, and R and Familiar with C++, MATLAB, SolidWorks, TeXworks

Versed in Hindi & Telugu, and have limited knowledge of Spanish

PROFESSIONAL ORGANIZATIONS & ACTIVITIES

Institute of Industrial & Systems Engineers, Member   September 2017 - Present

Industrial & Systems Engineering, Student Ambassador   January 2018 – Present

HONORS

Air Force In-College Scholarship   January 2017

Eagle Scout   November 2015