Subject: Enrollment Inquiry – Engineering and Data Science Programs

Dear Admissions Office,

My name is Jane Santos, currently completing my senior year in high school with a strong focus on STEM subjects. Over the past two years, I’ve participated in our school’s robotics club—designing and programming autonomous vehicles—and also led a data analytics project to predict student performance using Python and simple machine-learning techniques.

Through these experiences, I discovered two passions:

1. \*\*Mechanical Engineering\*\*: I love hands-on challenges—building prototypes, understanding kinematics, and applying physics to solve real-world problems.

2. \*\*Data Science\*\*: I’m fascinated by data-driven insights, from cleaning and visualizing datasets to training basic predictive models that help guide decisions.

I’m interested in programs that will let me combine these two areas—perhaps studying Mechatronics or a dual track in Engineering with a specialization in Data Science. Could you advise which bachelor’s degree would best suit someone with both mechanical and analytical interests? Also:

- What’s the typical curriculum structure for those programs?

- Are there opportunities for undergraduate research or industry internships?

- What scholarships or financial aid options are available for STEM applicants?

Thank you for your time and guidance. I look forward to learning which path at your university will help me grow as an engineer and data scientist.

Sincerely,

Jane Santos