Zeeshan Khan

(480)-275-1469 | zeekhan5083@gmail.com | Austin, Texas | https://www.linkedin.com/in/zeeshan-khan-882b22313/

EDUCATION

Texas A&M University, College Station, Texas   May 2027
Bachelor of Science in Mechanical Engineering

RELEVANT COURSEWORK

Materials Science, Statistics, Geometric Modelling for Mechanical Design, Dynamics, Thermodynamics

SKILLS

Programming: Python, C#
Libraries: Pandas, NumPy, Seaborn
Technologies: SolidWorks, R Studio
Relevant Skills: Project Management, Analytical Thinking, Lean Six Sigma, Data Analysis for Engineers

INDUSTRY EXPERIENCE

Merck, EMD Electronics, MiliporeSigma   **Dallas, Texas**
Data Analytics Engineering Intern   May 2025 – Aug 2025
- Digitized critical lab processes resulting in annual savings of over $10,000, 300 hours, and 5000 sheets of paper.
- Automated percent yield and control limit calculations using Python for continual production reports, reducing manual error and accelerating chemical production analysis.
- Produced real-time dashboards monitoring percent yields and control limits across multiple lab processes, enabling faster decision-making for over 50 lab technicians and warehouse members.
- Created a machine learning model using historical production data to support development of predictive algorithms for chemical specification limits.
- Designed Key Performance Indicators to track production trends and ensure compliance during Intel audit.

ACADEMIC & EXTRACURRICULAR EXPERIENCE

Aggie Lemons   **College Station, Texas**
Aerodynamics Team Member   Jan 2025 – Present
- Contributed to aerodynamic design decisions for brake cooling systems using SolidWorks, improving thermal performance during races.
- Installed duckbill rear spoiler to increase aerodynamic stability and downforce during races.

A-Line Magazine   **College Station, Texas**
Editor, Writer   Aug 2023 – Present
- Mentored and coordinated a team of 17 magazine writers, reviewing and editing 50+ articles per semester while guiding improvements in writing quality and style.
- Authored research-driven articles featured in print and digital issues, reaching thousands of students.

Turtle Robotics   **College Station, Texas**
Member   Aug 2024 – Dec 2024
- Led a team of 5 students to design and build a robot from scratch capable of completing designated tasks.
- Utilized SolidWorks to construct and 3D print parts, soldered metal pieces to create a durable structure.

Senior Research Project, Urban Spaces Case Studies   **Tempe, AZ**
Student Intern   Feb 2023 – May 2023
- Liaised with ASU professor to collect data for case studies on four public, urban plazas in Tempe and Chandler, AZ, over four months.
- Mapped public areas to identify high-traffic zones and user activity patterns, using Seaborn and Pandas for statistical modelling and data visualization.
- Presented findings to Tempe City Hall stakeholders, influencing redesign decisions for multiple public urban spaces.