Simran Singh Panesar

simranpanesar@me.com – +44 7926 653302 – LinkedIn
12 Badgers Wood, Farnham Common, SL2 3HH, United Kingdom

PERSONAL STATEMENT

Having achieved a First Class Honours in Aeronautical Engineering from Loughborough University, I am now keen to gain experience in industry. A dedicated, reliable and hardworking individual who enjoys responsibility and has a proven track record demonstrating a strong ability to adapt to change and consistently deliver to a high standard. With a genuine passion for engineering, I am self-motivated and adept at applying my understanding to help solve real world problems.

ROLES OF LEADERSHIP

Group Design Project Team Leader (September 2018 – June 2019)

Loughborough University

- Leading a group of 10 members for American Institute of Aeronautics and Astronautics (AIAA) RFP to design an aircraft for use in thin haul transport and air taxi applications
- Coordinating weekly meetings to review work done, solve any issues and set tasks
- Produced concepts, system diagrams, assessed stability characteristics and created model
- Averaged a First Class for entire project (74%)

Vice President of LSU Sikh Society (September 2018 – June 2019)

Loughborough University

- Ensuring smooth running of a society with 50+ members
- Meetings with Loughborough Societies Executive, British Organisation of Sikh Students and other societies for collaborative events
- Keeping all members informed throughout the year through social media
- Increased paid memberships from 3 to 30+ compared to previous year

EDUCATION

Loughborough University (September 2015 – July 2019)

- Aeronautical Engineering (Masters, 1st Class Honours)
  - Aerospace CFD (74%), Low Speed Aerodynamics (75%), Aerodynamics (64%), Group Design Project (74%), Thermodynamics (72%), Turbomachinery and Propulsion (80%), Computing (68%), Principles of Composite Materials and Structures (78%), Management (66%)
  - Final Year Project Dissertation (77%) – “Influence of asymmetric tip loss to V-tail aircraft”

John Hampden Grammar School (September 2007 – August 2014)

High Wycombe

- 4 A-Levels (Grades A - B)
- 11 GCSEs (Grades A* - B)

ADDITIONAL INFORMATION

- Strong ability to use CAD software (NX 12, AutoCAD, SolidWorks, CATIA V5, OpenVSP), FEM software (NASTRAN) and CFD software (Star-CCM+, Fluent, VLM)
- Experience using MATLAB for analysis. Made use of Simulink within Autonomous Vehicles module. Advanced ability using Microsoft Office. Basic coding ability in C and Python.