

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name Saad Jahangir  
Address Leeghwaterstraat 21, 2628 CA Delft, The Netherlands  
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Date of birth 20-09-1989

## EDUCATION AND RESEARCH

Qualification **Ph.D.**, Fluid Mechanics  
University Delft University of Technology, Netherlands  
Year 2015 – Present  
Thesis Title Dynamics of partial cavitation - An experimental assessment -  
Description of research To characterize partial cavitation dynamics using PIV, high-speed imaging, X-Rays and Magnetic Resonance Imaging.  
Promotors Prof. Christian Poelma and Prof. Jerry Westerweel  
Funding 75% - CaFE ITN Project - Marie Skłodowska-Curie Innovative Training Network  
25% - Delft University of Technology

Qualification **M.Sc.**, Power (Mechanical) Engineering  
University Brandenburg University of Technology, Cottbus-Senftenberg, Germany  
Year 2012 – 2015  
Thesis Title Systematic analysis of Inertial wave patterns in spherical shell experiments  
Supervisor Prof. Uwe Harlander

Qualification **B.Sc.**, Mechanical Engineering  
University University of Engineering and Technology Lahore, Pakistan  
Year 2007 – 2011  
Project 1 Design and fabrication of "Solar Water Pumping System"  
Project 2 Feasibility study of "Bio-Gas as an alternate fuel in IC Engines"

## JOURNAL PUBLICATIONS

- S. Jahangir, W. Hogendoorn and C. Poelma. "Dynamics of partial cavitation in an axisymmetric converging-diverging nozzle." International Journal of Multiphase Flow, 106:34-45, 2018.
- A. Dash, S. Jahangir and C. Poelma. "Direct comparison of shadowgraphy and X-ray imaging for void fraction determination." Measurement Science and Technology, 2018.