

PERSONAL INFORMATION

Ahmed Saleem



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Sex Male | Date of birth 17 Nov 1991 | Nationality Pakistani

PERSONAL STATEMENT

A postgraduate engineer with a higher knowledge of education in the field of chemical engineering seeking an opportunity in a progressive career and is willing to serve the organization with full dedication.

WORK EXPERIENCE

01 Jan 2018 – 30 Apr 2018

Research Assistant

Mathematical Modeling of Hydrogen Chloride Fuel cell and its 1-D simulation in MATLAB software. Max Planck Institute, Magdeburg (Germany).

15 Mar 2017 – 31 May 2017

Research Assistant

Experimentation and Simulation for Single Droplet Drying (SDD) model. IVT-TVT (Otto-von-Guericke University), Magdeburg (Germany).

15 Apr 2016 – 31 Jul 2016

Research Assistant

Sampling and Image processing of Rotary Kiln experiments. ISUT (Otto-von-Guericke University), Magdeburg (Germany).

04 Jun 2013 – 04 Jul 2013

Intern

BASF Chemicals and Polymers Pakistan (Private) Limited, Karachi (Pakistan)

- Worked with sales/technical manager to analysis the product and design.

- Assisted in producing a detailed survey report of water treatment chemical used in Pakistan. And helped to find new potential clients to make new sales.

Business or sector Indenting and Merchandising of Industrial Chemicals

EDUCATION AND TRAINING

07 Apr 2015 – 10 Apr 2018

Master of Science in Chemical and Energy Engineering

Otto-von-Guericke-Universität Magdeburg
Universitätsplatz, 39106 Magdeburg (Germany)
www.ovgu.de/

- Overall grade: 1.4/4.0. Approximately above 90% is obtained. In Germany, 1.0 is the highest grade and 4.0 is the lowest grade.

01 Jan 2010 – 01 Jan 2014

Bachelor in Polymer and Petrochemical Engineering

NED University of Engineering and Technology
University Road, 75270 Karachi (Pakistan)
www.neduet.edu.pk/

- Overall grade: 85.75% with distinction

01 Aug 2007 – 21 Aug 2009

Higher Secondary School Certificate

Bahria College Karsaz

Habib Rehmatullah road, Karsaz, 75350 Karachi (Pakistan)

www.bckk.edu.pk/

- Major subject: Mathematics, Physics and Chemistry.
- Overall grade: A grade with 75.54%.

PERSONAL SKILLS

Mother tongue(s) Urdu

Other language(s)

- English - Fluent
- German - Basic

Organisational / managerial skills

- Industrial and management engineering (studied as a course of undergraduate studies in NED University of Engineering and Technology)

Other skills

SELF-ASSESSMENT

| Information processing | Communication | Content creation | Problem solving | Safety precaution |
|------------------------|------------------|------------------|-----------------|-------------------|
| Proficient user | Independent user | Independent user | Proficient user | Basic user |

Digital skills

- Office suite - Independent user
- MATLAB - Independent user
- Star CCM+, Ansys, Aspen Hysys, COMSOL multiphysics - Independent user

ADDITIONAL INFORMATION

Projects

- **Master thesis:** Single slurry droplet drying: Experimentation investigation and its modeling. **Under the supervision of:** Prof. Dr. Evangelos Tsotsas and Dr. Abdolreza Kharaghani. **Institute:** IVT-TV, Otto-von-Guericke University Magdeburg, Germany.
- **Bachelor thesis:** Viscosity modifiers for shampoo applications: Rheological measurement and modeling of shampoo flow. **Under the supervision of:** Dr. Rafiq Ahmed and Dr. Syed Imran Ali. **Institute:** Department of Polymer and Petrochemical Engineering, NED University of Engineering and Technology Karachi, Pakistan.

Certifications

- Pak-US workshop on application of nanotechnology (WANT-2012). **Organized by:** International Center for Chemical and Biological Sciences, University of Karachi and US-National Science Foundation, Pakistan.

Honours and awards

- Scholarship Award by Otto-von-Guericke University Magdeburg in the period from 01.04.2016 to 31.03.2017.
- Rewarded Gold Medal for securing First position in the department of Polymer and Petrochemical Engineering (2014), NED University of Engineering and Technology.

Memberships

- Registered Engineer# Poly/207, Certified by Pakistan Engineering Council (PEC).