

Abdul Basit Sultan

S/O Muhammad Khalid Shad

Objectives

An ambitious, hardworking, self-motivated & enthusiastic individual with a flexible approach and *fresh experience* to work and the willingness to achieve the highest standards of customer service to tight deadlines. Possess excellent organizational and communication skills, highly articulate & diplomatic with experience working in a multi-cultural environment. A positive attitude towards problems, a natural sense of humor, looking for an opportunity to be involved in the Engineering projects

Contact Details

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Academic Qualifications

University of Engineering & Technology, Lahore BSc Transportation Engineering (Faculty of Civil Engineering)	(72%)	2013 – 2017
Government College University, Lahore F.Sc Pre-Engineering	940/1100 (85.46%)	2011– 2013
Garrison Academy for Boys, Lahore Cantt Matriculation	990/1050 (94.29%)	2009 – 2011

Working Experience

- **Junior Engineer | National Highway Authority, Ministry of Communications, Govt of Pakistan**
(01-02-2019 to Present)
- **Junior Engineer | National Engineering Services Pvt Ltd (NESPAK)**
(20-11-2018 to 25-01-2019)
- **Site Engineer | Habib Construction Services Limited**
(27-07-2017 to 15-11-2018)
- **Trainee Engineer | Uni Build Associates (Pvt) Ltd Lahore**
(01-09-2016 to 30-06-2017)
- **Intern Engineer | Road Research and Material Testing Institute Lahore**
 1. Worked on Project “Quality Evaluation of Materials used in Road & Building Construction”.
 2. Worked in Concrete, Chemical and Asphalt section of RR&MTI Lahore.
- **Intern Engineer | Building Research Station Lahore**
 1. Training included “Bearing Capacity of different Soils and Foundation Analysis”
 2. Worked on Cement, Concrete and Brick testing.
- **Intern Engineer | Highways Division, Communication and Works Department Punjab**
 1. Training included the techniques for Construction Planning.
 2. Tendering and Scheduling
 3. Brief overview of Quality Control methods.

- **Worked on Airport Runway Design at UET Lahore**

1. Preparation of Wind Rose Diagrams.
2. Airport Markings Analysis.

Honours and Awards

- 29th Position in Pakistan in Matriculation Examination held by Federal Board of Intermediate and Secondary Education Islamabad.
- Academic Roll of Honour and Gold Medalist (2011) Lahore Garrison Education System (LGES)
- Class Representative (2009-2011) at Garrison Academy for Boys Lahore Cantt.
- District Topper in 8th Class Board Examination held by Punjab Examination Commission (PEC)
- Head Boy (2008-2009) at District Public Higher Secondary School, Chakwal.
- Class Representative (2003-2005) at Army Public School and College, Attock Cantt.

English Proficiency

- 6.5 Overall Band Score in IELTS Examination conducted by British Council 2017

Memberships

- **Registered Engineer Pakistan Engineering Council**
- Executive Member at Old Ravians Union, Government College University Lahore
- Director at Institute of Civil Engineers (ICE UK), Student Chapter UET Lahore
- General Member at Institute of Transportation Engineers (ITE USA), Student Chapter UET Lahore
- General Member at Blood Donors Society, UET Lahore

Training Workshops and Seminars

- Organizer of Lecture on “Entrepreneurship in Engineering” by LUMS Centre for Entrepreneurship at UET Lahore.
- Attended Seminar on “Innovative Construction Techniques” organized by Planning and Development Department, Govt of Punjab on 7th November, 2016.
- Attended seminar on “Sustainable Transport System” organized by PAKSTRAN and The Urban Unit, P&D Department.
- Attended workshop on “Geometric Design of Highways AutoCAD Civil 2D and 3D” organized by ITE UET Student Chapter on 6th October, 2016.
- Attended two days (15th and 16th October, 2016) workshop on ORACLE Primavera P6 held by ICE and Maven Projects at UET Lahore.
- Attended two days (3rd and 4th November, 2016) training workshop on ORACLE Primavera P6 organized by ICE UET Lahore Student Chapter.
- Attended one day workshop on SIDRA Intersection on 9th March, 2017 organized by ITE UET Lahore Student Chapter.
- Attended workshop on PTV-VISSIM Software on 18th April, 2017 at UET Lahore.

Softwares & Tools

- AutoCAD Civil 3D (Pakistan Engineering Congress)
- Primavera P6
- KENPAVE (Pavement Analysis and Design Software)
- ArcGIS
- EPANET (Water Distribution and Hydraulics Simulation Software)
- VISSIM (Traffic Engineering Software)
- SPSS
- SIDRA Intersection
- Synchro
- Microsoft Office
- Microsoft Visual Studio
- C++
- Aviaary Photography Software

Major Class Projects

- Design of Water Distribution System for Housing Society using EPANET Software.
- Bus Routing and Scheduling in Class Project.
- Cost Reduction in CPEC Project by the use of Polymer Waste.
- Rate Analysis and preparation of BOQ for multi-story building.
- Inspection of Multi-story building at Main Boulevard Gulberg, Lahore.
- Detailed design and analysis on Geographical Information System using ArcGIS Software.
- Site Inspection of Maulana Shaukat Ali Road Lahore.
- Site Inspection and preparation of report for Signal Free Corridor Jail Road Lahore.
- Poster Presentation on Rate Analysis of Highway project in Nowshera, KPK.
- Presentation on the concept of Solar Roadways Technology.
- Preparation of Layout of Lahore Railway Station.
- Preparation of report on Environmental Impact Assessment (EIA) of Jail Road Lahore.
- Preparation of report on Runway length and orientation of all international and domestic airports in Pakistan.
- Design of warehouse for private organizations.
- Analysis of Asset Management System in different private and government organizations.

Final Year Project

Effects of Long term Construction on Commuter's Travel Patterns; A Case study of Orange Line Metro Train Project Lahore

- Worked in R&D Unit, The Urban Unit, Planning and Development Department, Govt of Punjab.
- LUTMP (Lahore Urban Transport Master Plan) Study.
- Traffic Studies and analysis at conflicting major Intersections and Orange Line Metro Train Stations.
- Traffic Counts and Surveys.
- Brief study on Construction and Machinery (Package Wise)
- Demographics Surveys.
- Development of Correlations and Statistical Models using SPSS Software.

Hobbies & Co-Curricular

- Newspaper, Magazines and Novel Reading
- Creative Writing (6.5 bands in Writing Module in IELTS British Council Examination)