**Personal Data:**

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**Professional Qualifications:**

- Bachelor Degree from Civil Engineering College in King Saud University with GPA= 4.16 out of 5.

Graduation Date: 2002

- Master Degree in Structural Engineering from Civil Engineering College in King Saud University with GPA 4.75 out of 5.

Graduation Date: 2009

PhD Degree in Structural and Materials Engineering from Civil Engineering School in Leeds University, UK

Graduation Date: 2015

**Work Experience:**

A.  **Feb 2002 – Aug 2002** (SHIBH AL JAZIRA CONTRACTING COMPANY).

Maintenance Engineer of highway roads and bridges. Also, we dealt with some emergency situations such as floods that were caused by heavy rain.

* 1. **Sep 2002 up to now** (Civil Engineering department in the King Saud University).

- During post graduate study, lively areas in structures have been covered, for example, Pre-stressed Concrete Structures, Advanced Solids Mechanics, and Concrete Technology.

- Investigated the effect of a durability on the behavior of Glass and Carbon fiber that strengthening reinforced concrete.

- Developed a “Design Methodology” of Carbon Fibre to be used as a main reinforcement to reinforce concrete member instead of steel reinforcement.

- To improve experience, during some of summer times, I volunteered to supervise projects such as constructing Al Rass General Hospital (200 beds) which was conducted by Al Mansouryah General Contracting Co. Ltd. and repairing concrete cracks that occurred in some structural members in King Fahd Security College.

- Beside engineering interest, I have been asked to take part in several administrative works. For example, organizing Engineering Conference that was taken place in King Saud University, participating and supervising some activities which were done by The National Center for Assessment in Higher Education.

**Training Courses:**

1. Monitoring of fibre reinforced polymer structures, Chesterfield, UK
2. Defects and deterioration of concrete- causes, prevention and remedies, London, UK
3. Non-destructive investigation of building and structures, Manchester, UK
4. Assessment of in-situ strength of concrete structures, London, UK
5. Structural collapse, Bradford, UK
6. Preventing corrosion, Salford, UK
7. Aspects of corrosion, Wakefield, UK
8. Innovation in the construction industry, Leeds, UK
9. Structural asset protection and repair, Leeds, UK
10. Team leadership and management skills, Hull, UK
11. Autodesk Revit Architecture 2015 fundamentals, Riyadh, KSA
12. Geographical information system (GIS), Riyadh, KSA

In addition, many seminars and presentations have been attended.

**Publications**:

1- Alrshoudi, F. Purnell, P., Fabric efficiency factors in textile reinforced concrete, 32nd Cement and Concrete Science Conference, 17-18 September 2012 Queen’s University, Belfast.

2- Alrshoudi, F. Purnell, P. Forth, J, Is the ultimate load of carbon textile reinforced concrete beams better related to the volume fraction or effective area parameter?, Conference Proceeding “Exploring the Potential of Hybrid Structures for Sustainable Construction”, Fribourg, June 22-24, 2014.

3- Alrshoudi, F. Purnell, P., Bond efficiency factor at different textile geometries reinforced concrete beams, Second International Conference On Advances In Civil, Structural And Construction Engineering - CSCE 2015, Rome, 2015.

4- Alrshoudi, F. Purnell, P., Bond efficiency factor at different textile geometries reinforced concrete beams, International Journal Of Civil & Structural Engineering, Volume 2, 2015, Page(s):317 – 321.