

Hashem Almashaqbeh

Mafraq, Jordan
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Education

Ph.D. in Engineering Science- Civil Engineering

Dissertation: "*Characterizing and Optimizing Magnesium Phosphate Binders for Additive Construction Applications*".

University of Mississippi - Oxford, MS, United States
Sep 2015 – May 2019

Master of Engineering Science – Civil/ Structural Engineering

Thesis title: "*Strengthening of Reinforced Concrete Beams Using Nano-composites reinforce with Carbon Fiber Sheet*".

Jordan University of Science and Technology - Irbid, Jordan
Sep 2012 – Dec 2014

Bachelor's in Civil Engineering

Jordan University of Science and Technology - Irbid, Jordan
Aug 2007 – Jan 2012

Publications/Conference Papers

- Irshidat, Mohammad R., Mohammed H. Al-Saleh, and Hashem Almashaqbeh. "Effect of carbon nanotubes on strengthening of RC beams retrofitted with carbon fiber/epoxy composites." *Materials & Design* 89 (2016): 225-234.

Experience

Research Assistant and Teacher Assistant

University of Mississippi (Olemiss),
Aug 2015 – May 2019, Oxford, MS

Research Assistant

Jordan University of Science and Technology (JUST)
Dec 2014 – Jun 2015, Oxford, MS

Site Engineer

Daya Contracting Company
Sep 2013 – Dec 2014, Mafraq, Jordan

Design Engineer

Engineer Ali Wazzan Office
Sep 2012 – Jun 2015, Mafraq, Jordan

Professional Affiliations

- American Society of Civil Engineers (ASCE)
- Jordanian Engineers Association (JEA) membership

Highlights

- ✓ AutoCAD
- ✓ Civil 3D
- ✓ MATLAB
- ✓ Abaqus/CAE
- ✓ STAAD.Pro
- ✓ Artificial neural networks (ANN)
- ✓ Experience in material analysis methods:
- ✓ Scanning electron microscope, (**SEM**)
- ✓ Fourier-transform infrared spectroscopy, (**FTIR**)
- ✓ X-ray powder diffraction. (**XRD**)
- ✓ Proficient in numerical simulation methods
- ✓ Bilingual English and Arabic languages
- ✓ Excellent communication, leadership and teamwork skills
- ✓ Microsoft Office
- ✓ High-level oral and written skills
- ✓ Conference presentation
- ✓ Excellent analytical and methodical skills
- ✓ Excellent customer relations
- ✓ Complex problem solver
- ✓ Project management
- ✓ Project scheduling
- ✓ Quantitative and data-analysis skills
- ✓ Product design
- ✓ Goal-orientated
- ✓ Deadline-orientated
- ✓ Extremely quick learner
- ✓ Research skills

❖ Exceptional references and letters of recommendation available upon your request.