

Mohammed Jaradat

Assistant Professor, Al-Zaytoonah University, Amman, Jordan

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EDUCATION

Ph.D., Civil Engineering May 2022, University of New Mexico, Albuquerque, NM, USA

M.S., Engineering Science December 2014, University of Mississippi, University, MS, USA

B.S., Civil Engineering, May 2011, Jordan University of Science and Technology, Irbid, Jordan

EXPERIENCE

Assistant Professor, Assistant Professor, Al-Zaytoonah University. *Sep 2022 - present*

Research Assistant, Nano Infrastructure Research Group, University of Mississippi. *Aug 2012 - Dec 2014*

Dana Woods Materials and Structures Lab, University of New Mexico. *Aug 2016 – May 2022*

- Development of cognitive fiber-reinforced composites with self-sensing and self-actuation capabilities.
- 3D printed viscoelastic rubber-like materials testing and characterization.
- Numerical analysis using finite element simulations for energy dissipation purposes.
- Testing and analysis of thin polymeric films.

Teaching Assistant, University of Mississippi, *August 2012 - May 2014*

University of New Mexico. *Jan 2018 - May 2019*

- Assisted in teaching and grading the following classes:
Structural analysis, Engineering statics, Reinforced concrete design, Mechanics of materials

Site Engineer, Fox Consulting. *February 2014 – August 2016*

“Jordan Cooperative Agreement for RPM Installation”, Several Border Crossings, Jordan

- Form teams and delegate tasks on-site. Write daily work reports.
- QA / QC process Management.
- Supervise the construction works and develop daily work plans.
- Ensure that all safety procedures and policies are fully and strictly implemented.

Site Civil Engineer, Daret Amman Al-Arabiya. *March 2011 – July 2012*

“Kufr Rakib secondary school”, Irbid, Jordan

- Supervise construction tasks such as rebar installation and concrete pouring to ensure they are carried out per the design drawings.
- Quantity surveying of invoices submitted by the contractor.
- Review design drawings and shop drawings submitted by the contractor.

COMPUTER SKILLS

MATLAB; Microsoft Office: Word, PowerPoint, Excel; AutoCAD; ABAQUS; SAP2000; Mathcad

References

Available upon request