

# MOHAMMED ALSALIHI, Ph. D, A. M. ASCE

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F u l b r i g h t A l u m n i

## Summary

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Aspiring engineer with a passion for structural design and construction of civil engineering structures. Proficient in the use of engineering drafting applications such as Autodesk AutoCAD. Excellent in problem-solving and attention to details with strong verbal and written communication skills. Member of several professional associations such as ASCE, ACI, and TRB.

## Experience

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### Assistant Engineer – New Jersey Depart. of Transportation

01/2020 - Present

- Work as a construction inspector on several NJDOT projects.
- Review and interpret construction plans and specifications.
- Conduct detailed inspections of excavations, earthwork, concrete repairs, asphalt paving, curbs, guard rails, inlets, and pavement markings.
- Calculate and prepared as-built quantities for completed work.
- Inspect equipment, supplies, and materials used by the contractor for compliance with plans and specifications.
- Work on project management software such as Site Manager.
- Prepare daily reports of completed construction and materials.

### Teaching/Research Assistant - Temple University

08/2015 - 12/2019

- Administered structural analysis and design of concrete & steel structures courses with hands-on engineering calculations using the ASCE 7-10, ACI 318 code, and ASCI manual.
- Trained 150 students on structural modeling software using Bentley RAM Elements and Bentley STAAD.Pro.
- Developed a CSI SAP2000 software manual on the modeling of steel structures.
- Administered surveying field sessions.
- Managed the Pavement Laboratory at Temple University.

## Education

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- Ph.D. in Civil Engineering - Temple University 12/2020
- MS in Civil Engineering - University of Wisconsin-Milwaukee 12/2014
- B.Sc. in Civil Engineering - University of Kirkuk-Iraq 07/2012

## Training and Certificates

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- AutoCAD 2020 Essential Training.
- Modeling Structures in Bentley STAAD.Pro and RAM Elements.
- AASHTO TC3 Drilled Shafts for Inspectors.
- Microsoft Office including Excel, Word, and PowerPoint.

## Awards

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- Fellowship Committee Grant, Temple University. 05/2016 & 05/2019
- Chancellor's Graduate Student Award, University of Wisconsin-Milwaukee. 05/2014
- Fulbright Scholarship Grant. 09/2012