

CONTACT

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AREAS OF INTEREST

- Structural Engineering
- Bridge Design
- Tall Building Analysis
- Software Simulation
- Structural Analysis
- Construction
- Site Supervision

PROFESSIONAL SKILLS

- Project Management
- Communication skills
- Detailed Oriented
- Problem Solving
- Mathematical, Scientific and IT skills
- Assess Environment Impact and Risks
- Testing Materials
- Designing under Eurocode
- Understand drafts, flowcharts

SOFTWARE SKILLS

- AutoCAD (certification)
- AutoCAD Plant 3D
- Revit
- Civil 3D
- ETABS
- TEKLA (certification)
- Microsoft Office
- Windows
- Python
- Structural Analysis
- Staad Pro (certification)

LANGUAGES

- Kashmiri (Native)
- English
- Urdu
- Hindi
- Malay
- Turkish

SOCIAL

Skype: idrees_shah
Linkdin:



MOHAMMAD IDREES SHAH CIVIL ENGINEER

ABOUT

Highly motivated individual associated with roles and responsibility with clear understanding regarding civil engineering. Seeking a career in internationally growing organization where I can utilize my knowledge and skills for growth of organization. To apply ideas & competence which would enable the students like me to grow while fulfilling organization goals .

WORK EXPERIENCE

ENGINEERING INTERN

InfoTrax Engineering Sdn Bhd | June 2019 - Sept 2019

Project: MLNG Plant Modelling and BIM

- Point cloud data optimization
- Point cloud data conversion to as-build model
- Generating detailed design from point cloud data

Project: Designing Petrol Station

- Detailing from point cloud data into Revit
- Designing Archi, MEP of the station

PROJECTS

"Structural Health Monitoring of a Cable Stayed Bridge with Emphasis on Measurement of Cable Stay Tension".

Final Year Project | Feb 2020 - Dec 2020

- Ambient Vibration Testing on cable stayed bridge
- Comparison between Lift-Off method and Ambient Vibration Test
- Proposing Structural Health Monitoring System for Sungai Johor Cable Stayed Bridge

"Conceptual Infrastructure Development Plan".

Integrated Design Project | Feb 2020 - August 2020

- Site investigation, plan proposal, detailed Road development.
- Designing of Sewage Treatment Plant
- Site detailing of roads, rain water drainage system and sewage line.

EDUCATION

BACHELOR OF ENGINEERING (HONOURS), MAJOR IN CIVIL
ENGINEERING

International Islamic University Malaysia | 2017 - 2021
CGPA 3.72/4

HIGHER SECONDARY, MAJOR IN SCIENCE

Tyndale Biscoe School | 2014 - 2016
CGPA 3.506/4

AWARDS AND CERTIFICATION

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| Aff. Member American Civil Engineering Society | 2021 |
| AutoCAD certification | 2021 |
| TEKLA certification | 2021 |
| Staad Pro certification | 2022 |
| National Award (Beyond Structure, 2 position) | 2018 |
| Hockey District Level Award | 2012-2013 |