

# MUHAMMAD REHAN SADIQ

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## LANGUAGES

English (TOEFL-94/120)  
Urdu (national language of Pakistan)  
Pushto (native language)

## TECHNICAL SKILLS

- AutoCAD
- GIS

## CERTIFICATIONS

- 77-442: MOS: Microsoft Office PowerPoint 2013
- 77-418: MOS: Microsoft Office Word 2013

## PUBLICATION

**Conference Paper – 1<sup>st</sup> Conference on Sustainability in Civil Engineering August 2019**

- Effect of PVA on Rubberized Concrete

## WORKSHOPS

**June 13<sup>th</sup>, 2020**

- Financing Projects under the Belt and Road Initiative.

**December 8<sup>th</sup>, 2018**

- Industrial Safety Techniques

## EXTRACURRICULARS

Spring 2017 – Spring 2019

- University Soccer Team

## OBJECTIVE

A highly self-motivated and ambitious Civil Engineer with good leaderships and organizational skills. Possesses excellent interpersonal and communication skills.

## EDUCATION

**University of Louisiana at Lafayette**

January 2021- December 2022

*M.S. Civil Engineering*

**Bachelor of Science in Civil Engineering**

CGPA 3.63

## RESEARCH EXPERIENCE

**Graduate-Research - University of Louisiana- Lafayette**

January 2021-December 2022

- Creating a research plan and investigating the strength of asphalt matrix with PVA fibers.
- Fabricating samples at different design matrices for DSR and BBR testing.
- Analyzing data and accumulating results for a paper.

**Undergrad-Research – COMSATS University Islamabad, Abbottabad Campus**

August 2020-July 2021

- To address the mechanical and rheological properties of PVA-rubberized concrete.
- Performed acid attack test to analyze the durability of concrete.

## WORK EXPERIENCE

**Graduate Teaching Assistant**

January 2021- December 2022

- With Russel C. Hibbeler (*January 2021 - Present*)
- With Mohammad j. Khattak in Geotech lab (*January 2021 – May 2021*)

**Survey Camp**

Summer 2018 (One month)

- Road Survey with Cut Fitting
- Field Contouring

**Intern – NESPAK (PVT.) LTD – Lahore Orange Line metro Train Project**

February 2018 – March 2018

- Worked at different offices with consultant.
- Performed Pile Integrity tests (PIT)
- Supervised field work

**Intern – HABIB CONSTRUCTION SERVICES (PRIVATE) LIMITED**

December 2017 – February 2018

- Worked with geotechnical engineers for piling work.
- Worked with structural engineers for structure work at cut & cover and viaduct section.