

Jabbar Shah Syed

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Civil Engineer Researcher | Passionate about Construction Project Management, BIM, Deep learning and Computer Vision.

EDUCATION

Hanyang University, Seoul, South Korea

▪ MSc. in Civil Engineering

- Specialization: Advance Infrastructure System
- Thesis Title: BIM for Civil Engineers in Pakistan: Awareness, Benefits and Barriers
- Advisor: Prof. JongWonSeo
- Cumulative GPA: 3.83 / 4.00

View Transcript
Mar 2018 – Feb 2020

Balochistan University of Eng. & Tech., Khuzdar, Pakistan

▪ B.E in Civil Engineering

- Thesis: CAD based high-rise building design in seismic zone
- Graduated with Honors.
- Percentage: 77%

View Transcript
Mar 2011 – Apr 2015

RESEARCH EXPERIENCE

Smart Infrastructure Center, Yonsei University

- Graduate Research Assistant, Civil Engineering Department
- Project: Computer vision-based workers safety monitoring fall hazards prevention
- Focus: Computer vision, Deep learning, PPEs Object detection.

Sep 2021 – 2022-05

Green Infrastructure Lab, Seoul National University

- Graduate Research Assistant, Landscape Engineering Department
- Project: Building damage identification and restoration using deep learning.
- Focus: Computer vision, Deep learning, building.

Mar 2021 – Jun 2021

Construction Automation Lab, Hanyang University

- Graduate Research Assistant, Civil Engineering Department
- Project: Automated earth excavation project monitoring system.
- Supervisors: Prof. Seo Jong-won
- Focus: BIM, Machine Learning, Project management, Risk management.

Mar 2018 – Feb 2020

COMPUTER SKILLS

TECHNICAL SKILLS

- *Engineering Software:* AutoDesk Revit, AutoDesk Civil 3D, ETABS, SAFE, Primavera P6, LabView
- *Programming:* Python, Matlab, Bash
- *Technologies:* Tensorflow, Pytorch, Docker, Git
- *OS:* Windows, Linux, Mac OS
- *Office:* L^AT_EX, MS Office, Google Suite

COURSES

- Machine learning August 31, 2021
- Neural networks and deep learning October 14, 2021
- Programming for Everybody(Python) Sep 20, 2021
- Intro to Python Mar 07, 2021

RESEARCH ACTIVITIES

WORKSHOPS (AS PARTICIPANT)

- [1] The future of construction: Symposiums on Construction Robotics and Computational Design for Sustainable Construction Jun 2022
- [2] 2nd Workshop and Challenge on Computer Vision in the Built Environment for the Design, Construction, and Operation of Buildings Jun 2022
- [3] Workshop on Attention and Transformers in Vision Jun 2022
- [4] International Challenge on Activity Recognition (ActivityNet) Jun 2022

	[5] Sixth Workshop on Computer Vision for AR/VR (CV4ARVR)	Jun 2022
AWARDS & SCHOLARSHIPS	<ul style="list-style-type: none"> ▪ HEC Pakistan Master’s Scholarship, Hanyang University For outstanding This award of scholarship is provided by the HEC Pakistan based on academic qualification. ▪ Undergraduate Merit Scholarship Full-tuition fee and living stipend at undergraduate for high achieving students 	<p>2018 – 2020</p> <p>2011 – 2015</p>
PROFESSIONAL AFFILIATIONS & ACTIVITIES	<p>Pakistan Engineering Council, Islamabad, Pakistan</p> <ul style="list-style-type: none"> ▪ Professional Member License No: CIVIL/38517 <p>Korean Society of Civil Engineers, Seoul, South Korea</p> <ul style="list-style-type: none"> ▪ Professional Member 	<p>2015 – Present</p> <p>2018 – Present</p>
EXTRA-CURRICULAR ACTIVITIES	<ul style="list-style-type: none"> ▪ Asia-Pacific Youth Exchange Program, Volunteer Cebu, The Philippines ▪ Belt and Road Initiative Youth Forum, Volunteer Seoul, South Korea ▪ Pakistan Engineering Council (CPD), Participants <ul style="list-style-type: none"> • Entrepreneurship for engineers • Digital Transformation and Impact of IoT on Education, Industry Health Sector and society Towards Creating Job Opportunities 	<p>Jun 2019 – Jul 2019</p> <p>Aug 2019 – Aug 2019</p> <p>Jun 2017 – Jun 2017</p> <p>Jun 2017 – Jun 2017</p>
LANGUAGES	<ul style="list-style-type: none"> ▪ Urdu: Native language. ▪ English: Fluent (speaking, reading, writing). IELTS 7.0 Band TOEIC 905 Score ▪ Korean: Intermediate (reading); basic (speaking, writing). 	
INTERESTS	Digital photography, Bicycling, Travelling.	
REFERENCES	<ul style="list-style-type: none"> ▪ Dr. Abdul Qudoos Chair and Associate Professor of Civil Engineering Balochistan Uni. of Engg Tech, Khuzdar. BUET, Khuzdar, 89100 Pakistan aqbaloch@buetk.edu.pk • +92 (848) 550273 ▪ Dr Atta ur Rehman Research Professor, Research & Development Yonsei University 50 Yonsei-ro, Seodaemun-gu, 03722, Seoul bcr@yonsei.ac.kr • +82 (010) 3413-3185 	