



# ALIZER KHOWAJA

## INFO

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## EDUCATION

May 2022 Pursuing Bachelor of Science in Civil Engineering  
The University of Texas at Austin: Cockrell School of Engineering

## EXPERIENCE

- Summer 2019 **Transportation Engineering Intern - HDR inc.**  
- Coordinated with planning team to develop roadway schematic plans, calculate construction costs for feasibility studies, and conduct research concerning technical reports for various projects  
- Developed custom dashboards visualizing crash data through maps, charts, and graphs by manipulating raw data to pinpoint areas of improvement
- Summer 2018 **Server - Bent Tree Country Club**  
- Attained extensive knowledge of menu items, accurately recorded orders, and attentively provided quality service  
- Partnered with manager to diagnose areas of improvement in workflow and engineered solutions to enhance methods of operation
- Summer 2017 **Student Ambassador: Kenya & Tanzania - AKDN**  
- Attended service-learning camp that accepted 60 of 1,400 intl. applicants  
- Visited key development sites under the Aga Khan Development Network  
- Aided to establish base for sustainable development at St. Mary's Orphanage by teaching students new skills and enhancing staff's rug-weaving business
- Summer 2016 **Summer Program - Columbia University**  
- Collaborated with Dr. Richard Plunz, Dr. Patricia Culligan, and international students to develop an art-based park located in east-central Manhattan  
- Ideas from proposal (presented to New York City Council, Army Corps. of Engineers, and Hudson River Park Trust) are expected to be implemented into the \$250 million Pier 55 project to be completed in 2021

## PROJECTS

- UT Urban Information Lab  
- Working with Dr. Junfeng Jiao as a research assistant to collect and analyze urban data
- Aga Khan Foundation Walk and Run (Dallas)  
- Assisted with logistics of exhibit which contributed to help raise over \$1 million

## HONORS

Eagle Scout - Certificate of Special Recognition from Congressman Kenny Marchant  
Presidential Volunteer Service Gold Award  
National Jubilee Arts Festival - Photography Finalist

## SKILLS

AutoCAD, Revit, Microstation (InRoads + Geopak), PowerBI, ArcGIS, Inventor, SketchUp, Sketch, Photoshop, Illustrator, Java, Python, Swift, Final Cut Pro, Apple iWork, Microsoft Office

English, Spanish, Urdu, Sindhi

## INTERESTS

Transportation Studies, Emerging Technologies, Sustainable Development, Urban Systems, Photography, Graphic Design, Reading, Art, Finance, Biking, Running, Golfing, Skiing

American Society of Civil Engineers, Habitat for Humanity, Urban Studies Society