

## **Overview:**

*I am a highly motivated with strong interest in the humanitarian work. Able to use own initiative and work as part of a team. Can communicate at all levels within an organization. Good problem solving and analytical skills. Dynamic and energetic with strong personality to manage work pressure.*

## **Work Experience**

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### **Tishk International University- Assistant Lecturer**

**Sep. 2021**  
to  
**Sep 2022**  
**Present**

- Dean of Student
- Assistant lecturer in Civil Engineering Department for different modules such as (Fluid Mechanics, Hydraulic Engineering, Water resources, Water Supply and Sewerage system, Calculus I & II.
- Coordinator of Civil Engineering Department.
- Supervising the MSc student in Kurdistan University/ Sanandaj

**Sep. 2021**  
to  
**Sep 2022**  
**Present**

- Assistant lecturer in Civil Engineering Department for different modules such as (Fluid Mechanics, Hydraulic structure, Auto CAD, Water Supply and Sewerage system ...
- Coordinator of Civil Engineering Department.
- Head of Exam Committee.
- Interim Head of International Relations and Diplomacy Department.

**Sep. 2020**  
to  
**Sep 2021**  
**Present**

- Assistant lecturer in Civil Engineering Department for different modules such as (Fluid Mechanics, Hydraulic structure, Auto CAD, Water Supply and Sewerage system ...
- Coordinator of Civil Engineering Department.
- Head of Exam Committee.
- Interim Head of International Relations and Diplomacy Department.

**Sep. 2019**  
to

**Sep 2020**

**Present**

- Assistant lecturer in Civil Engineering Department for different modules such as (Fluid Mechanics, Hydraulic structure, Auto CAD, Water Supply and Sewerage system ...
- Coordinator of Civil Engineering Department.
- Head of Exam Committee.
- Interim Head of International Relations and Diplomacy Department.

**Sep. 2018**

**to**

**Sep 2019**

- Assistant lecturer in Civil Engineering Department for different modules such as (Fluid Mechanics I and II, Building Material, Engineering Mechanics ..
- Head of Exam committee of Civil Engineering Department.
- Member of Dean of students.

**Sep. 2015**

**to**

**Sept. 2016**

- Head of labs at civil engineering department.
- Member of international relations office (IRO) for exchange student between Tishk international university and several countries at civil engineering department.
- Carried out field visit due to training field students.
- Carried out monitoring visits to the project sites in university as and when required.
- Coordination between student and Management team.
- Serving in any committees instructed by the department.
- Supported department at educational activities as strategic plan, performance measuring and following his/her task disciplined.
- Assisted department in any kind of generating report and information sharing.
- Designed interview form for new employee
- Presented the seminar for staff in accurate time during semesters.
- Site visiting to collect and record data and/or samples as appropriate to the specific objectives of the study.

### **Qaiwan Company- Volunteer**

**July 2014**

- Assisted in implementing construction activities on standard basis.
- Supported Civil Engineers on daily working basis.
- Worked close to junior staff to ensure the activities are well implemented.

### **Zozik Company- Assistant Engineer**

**July 2013**

- Collected and analyzed data in the field.
- Worked close to Junior staff to ensure quality of activities on ground.
- Supported Civil Engineer in implementing construction activities on standard basis.
- Trouble shooting and providing technical support to junior staff
- Generated report on regular basis.
- Supported management team in planning to next project.

## Conferences and Trainings

- Awarding the certificate of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> international engineering conference on development in engineering applications.
- 3<sup>rd</sup> International Conference on Recent Innovations in Engineering
- Taking Pedagogy course in Sulimani University.
- Scientific Committee of the 10th International Conference on Rainwater Catchment Systems (10ICRCS), 2021.
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## Other Skills, Rewards and Competencies:

- Rewarded as one of the top ten student in civil engineering, ranked as (2<sup>nd</sup> place out of 64 students)
- Rewarded certificate of first, second and third International Engineering Conference (IEC) on developments in Civil and Computer Engineering Applications.
- Award a prize of second place in the event (Fifth National Innovation Competition in Engineering) with my students.
- Research and Management Skills
- Self-motivated with a positive and friendly attitude.
- Ability to communicate effectively, both orally and in writing.
- Ability to evaluate, verify, and edit research data.
- Independent travel to remote field sites
- Good communication skills

## List of Publications

### Published:

- Günal, M., Günal, A. Y., & Osman, K. (2019). Simulation of blockage effects on scouring downstream of box culverts under unsteady flow conditions. *International Journal of Environmental Science and Technology*, 16(9), 5305-5310.
- Othman Ahmed, K., Amini, A., Bahrami, J., Kavianpour, M. R., & Hawez, D. M. (2021). Numerical Modeling of Depth and Location of Scour at Culvert Outlets under Unsteady Flow Conditions. *Journal of Pipeline Systems Engineering and Practice*, 12(4), 04021040.
- Abdul Nariman, N., Ibrahim Mohammed, I., Othman, K., Dilshad, D., & Khidr, I. (2021). Analysis of stiffness and flexural strength of a reinforced concrete beam using an invented reinforcement system. *Frontiers of Structural and Civil Engineering*, 1-16.
- I Mohammed, I., Abdul Nariman, N., Othman, K., Ali, S., Mohammed, P., & Samad, S. (2020). Utilization of Waste Plastic and Waste Glass Together as Fine and Coarse Aggregate in Concrete. *Eurasian Journal of Science & Engineering*, 6(2), 1-10.
- Alizamir, M., Heddami, S., Kim, S., Gorgij, A. D., Li, P., Ahmed, K. O., & Singh, V. P. (2021). Prediction of daily chlorophyll-a concentration in rivers by water quality parameters using an efficient data-driven model: online sequential extreme learning machine. *Acta Geophysica*, 1-23.
- Othman Ahmed, K. (2021). Impact of COVID-19 Pandemic on Hand Washing Process and Water Consumption. *Eurasian Journal of Science & Engineering*, 7(1), 228-245.
- Haji, H. A., Hamza, A. A., & Ahmed, K. O. (2021). The Effectiveness of Social Media on Engineers Related Tasks. *Journal of Studies in Science and Engineering*, 1(2), 50-62.

### On Process:

- Application of Remote Sensing and GIS on Solid Waste Disposal Sites and Environmental Impacts in Kurdistan Region-Iraq.
- Scientific Assessment of Public Attitude throughout COVID-19 era Regarding Environmental Situation and Issues in Kurdistan Region-Iraq.
- Prediction and Optimization of Downstream Scouring in a Box Culvert Utilizing Coupled Flow 3D-Surrogate Modeling.
- More 7 articles (Available upon request)

## **Education:**

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- ❖ Prep-school, English Language dept. 2011, Tishk International University, Erbil-Completed
- ❖ B.Sc. in Civil Engineering, 2015, Tishk International University, Erbil-Completed
- ❖ Master degree (MSc), (2016-2018), Civil Engineer (Water Supply and Hydraulic Structure)-Gaziantep University/Turkey.
- ❖ Ph.D. candidate in KNTU university/ Tehran.

## **Computer Skills:**

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- ❖ Microsoft Office (Excel, Word, Power point, Photoshop. etc.):
  - Using excel for data analysis
- ❖ SPSS – (Creating database and analyzing data)
  - Designing database and generating report based on requirements.
  - Using different data analysis methods.
- ❖ Auto cad
- ❖ ETABS (intermediate)
- ❖ STADPRO (intermediate)
- ❖ Flow-3D
  - Using Flow-3D to design complex geometry and simulating.
- ❖ Kobo Toolbox (Using Kobo for data collection)
- ❖ GeoStudio (Some about this software)
- ❖ Water CAD (Design of water distribution system)

## **Tool Skills:**

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- ❖ Total Station
  - Using total station to survey a complex filed with accurate data.
- ❖ Theodolite
  - Using Theodolite to indicate the accurate location of points.
- ❖ Level
  - Using level instrument to survey normal work.

## **Languages:**

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- ❖ Kurdish (Native)
- ❖ Arabic (Intermediate)
- ❖ English (Very Good)
- ❖ Turkish (Intermediate)
- ❖ Persian (Good)

**Personal Information:**

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Date of Birth: 15 July 1991  
Address: Sulimania, Iraq  
Marital status: Married  
Gender: Male

**References:**

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Available upon request