

# SAMIH AHMED

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## Personal Information:

- Date of birth : 23/11/1992
- Place of birth: Jedda / KSA
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## Education:

- Aug2016-present: MSc student in Civil Engineering. KTH Royal Institute of Technology, Sweden.
- 2009-2014: **BSc** in Civil Engineering (Honours). University of Khartoum, Sudan. Completed with **First class** (8.62/10). Ranked: top of the class.
  - Final year dissertation: "Design of tall buildings".
  - Final project grade: **A+** (Distinction)
  - The main objective was to compare between hand calculation and software design (using ETABS). (National Telecom Corporation) was taken as a case study.

## Awards:

- 2016-2018: Swedish Institute Study Scholarships for studies at master's level in Sweden.
- 2013-2014: "University Of Khartoum Award For Overall Best Academic Performance in the 5th grade " with GPA 8.62/10
- 2013-2014: "University Of Khartoum Award For The Best Academic Performance In The Department Of Civil Engineering" in the 5<sup>th</sup> grade with GPA 8.62/10
- 2013-2014: "Dr.Sgairon Al Zain Award For The Best Academic Performance In The Department Of Civil Engineering"
- 2013-2014: "Dr.Sgairon Al Zain Award For The Best Performance In The Subject Of **HYDRAULICS STRUCTURES**"
- 2013-2014: "The Ministry Of Water Resources Award For The Best Performance In The Subject Of **HYDRAULICS STRUCTURES**"
- 2012-2013: "University Of Khartoum Award For Overall Best Academic Performance in the 4th grade " with GPA 8.89/10

## Work experience

- Feb 2015-July 2016: **Teaching Assistant:** at the **Civil Engineering Department** – University of Khartoum.

### **Duties:**

Prepare and handle tutorials and lab sessions for the following subjects:

**4th grade:** *Theory of Structure II, Design of Rein.Conc. Structure II.*

**3rd grade:** *Fluid Mechanics I, Fluid Mechanics Lab, Design of Rein.Conc., Structure 1.*

**2nd grade:** *Mechanics of Materials, Civil Eng. Drawing.*

Co-supervising senior students' graduation projects with Prof. Ali Zaroug.

Department exam coordinator and in charge of academic record.

Supervise local and international academic trips (supervision of 100 students).

- March 2015-March 2016: Engineer at Technocon Engineering Group.  
Analysis and design of structures using software (ETABS, SAFE and AutoCAD).
- Nov 2014-Nov 2015: Junior Engineer at **UKCC** (University of Khartoum Consultancy Corporation).  
Perform tests to monitor buildings durability and design projects (buildings, tanks, culverts,..etc).

### **Trainings and Field trips**

- Dec 2015: Training at Professional Project Management (3 days). **Location:** Khartoum, Sudan.
- Sep 2015: The Arab Contractors (2 weeks) (Workshops and Site visits). **Location:** Cairo, Egypt.
- Mar 2015: Civil Istanbul15 Engineering conference (1 week). **Location:** Istanbul, Turkey.
- Oct 2011: Training in Survey works (1 week). **Location:** Al Sabalouga (Sabaloka Gorge), Sudan.
- Jun 2011: Training at Al Salam Cement Factory (2 days). **Location:** Atbara, Sudan

### **Skills**

- Language: English (Fluent), IELTS Overall Score of 7.5.
- Proficiency in all areas of Microsoft Office. Certified Excel user from Microsoft.
- AutoCAD.
- ETABS & Revit software

### **Interests:**

- Sports.
- Watching movies.

### **Reference:**

- Prof. Nimir Elbashir  
Director of Texas A&M Gas and Fuels Research Center,  
Chair of the ORYX GTL Gas-to-Liquid Excellence Program,  
Associate Professor of Chemical Engineering,  
Associate Professor of Petroleum Engineering,  
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- Prof. Ali Zaroug Mohammed,  
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