

# Abdulrazzaq Alali Jawish Alkherret

## عبدالرزاق العلي جاويش الخريط

دكتوراه الهندسة المدنية – الأشغال العامة – هندسة النقل والمرور

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E-mail: alkherret@yahoo.com  
Nationality: Syrian Arab  
Date of Birth: March 13, 1970  
Marital Status Married



### QUALIFICATIONS

- **Ph.D. Civil Engineering “Public Works”**, Thesis Title: “*Video-Based Detection and Tracking Model for Acquiring Traffic Data*”. Cairo University, Egypt (January, 2015).
- **M.Sc. Civil Engineering “Public Works”**, Thesis Title: “*Effect of Geometric Design Elements on Operating Speed for Multilane Roads*”. Ain Shams University, Egypt (December, 2011).
- **B.Sc. Civil Engineering “Transportation Engineering”**. Tishreen University, Syria (September, 1996).

### SCIENTIFIC RESEARCH

- *Video-Based Detection and Tracking Model for Traffic Surveillance*. TRB 94<sup>th</sup> Annual Meeting, Washington, D.C., 15-1465(B10). January, 2015.
- *Determining Microscopic Traffic Variables using Video Image Processing*. International Journal of Computer Applications, 104(6):10-19. October 2014.
- *Speed Prediction Models for Horizontal Curves on Multilane Roads in Egypt*. Egyptian Journal of Applied Sciences, 26(3). May 2011.

### COMPUTER SKILLS

- All Microsoft Office Programmes (Excel, word, Access, MS Project...etc.)
- AutoCAD Civil 3D, AutoCAD, SAS System, Photoshop, MATLAB, and 3DSMAX
- Certified Trainer (part time) – Syrian Computer Society SCS, Syria.
- Certified Trainer (part time) – Youth Club for Science, Syria.
- Technical Editor - CAD, GIS, & GPS Magazine (<http://www.cadmazine.net>)

## **WORK EXPERIENCE**

### **June 2019 till Present**

**Head of Civil Engineering Department** (Faculty of Engineering - Jerash University)

### **February 2015 till Present**

**Assistant Professor** (Jerash University, Jerash, Jordan)

Teaching Assignments:

- Highway Design.
- Highway Lab.
- Pavement Design.
- Pavement Maintenance.
- Traffic Engineering.
- Geographic Information Systems
- Materials Science and Engineering.

### **November 2016 untill October 2018**

**Representative of Office of Accreditation and Quality Assurance** (Faculty of Engineering - Jerash University)

### **October 2012 until January 2015**

**Assistant Lecturer** (Thebes Academy, Cairo, Egypt, <http://www.thebesacademy.org>)

Teaching Assignments:

- Highway and Airport Engineering.
- Maintenance of Highway and Airport.
- Properties and Tests of Materials (I + II + III + IV).

### **From 2007 until 2012**

**Unit of Highway Engineering Consultancy** (Faculty of Engineering - Ain Shams University), Cairo, Egypt

Unit Projects:

- Regional road (Dahshur) a reconstruction of Greater Cairo.
- Saft El-Laban - Kerdasa device reconstruction Greater Cairo.
- Ring road expansion a reconstruction of Greater Cairo.

Unit Research:

- Asphalt mixers assessment based on the analysis of cracks resulting on thermal stress.
- Use rubble materials in asphalt mixes.
- Study and analysis of effect of gradation limits on the properties of asphalt mixers.
- Design asphalt mixes using Superior Performing Asphalt Pavement method and compare it with Marshall method.

### **From 2006 until 2007**

International studies and engineering consultancy, Cairo, Egypt

- Engineer in the office of "International studies and engineering consultancy" - New Cairo - Fifth Avenue - Diplomatic Quarter

### **From 1996 until 2006**

#### **Deputy Branch Manager, Head of Maintenance Engineering and Traffic Department, Supervising Engineer**

Public Establishment for Road Communications – Deir-Ezzor, Syria

- Chairman of the Committee overseeing the project through the maintenance of Abu Kamal – Deir-Ezzor first phase of a length of 40 km and width of 7.6 m. The projects included removing the old layer of pavement and improve shoulders.
- Chairman of the Supervisory Committee of road maintenance in transit in the city of Deir-Ezzor a length of 14 km.
- Chairman of the Supervisory Committee of road maintenance in the town of Abu-Kamal crossing a length of 11 km.
- Chairman of the Supervisory Committee of maintenance and rehabilitation of the international road Deir-Ezzor - Damascus first phase of 62 km length of 8 meters width. The projects included removing the old layer of pavement and improve shoulders.
- Chairman of the Supervisory Committee of maintenance and rehabilitation of the international road Deir-Ezzor - Raqqa first phase length of 32 km and 7.6 m width.
- Chairman of the Committee overseeing the project to expand and improve Deir-Ezzor - Raqqa (Husseiniya) with a length of 10 km and 15 m width.
- Chairman of the Committee overseeing the implementation of expansion joints in bridges of the province of Deir-Ezzor.
- Chairman of the Supervisory Committee on the paint road and traffic safety in the province of Deir-Ezzor.
- Chairman of the Study Group for the preparation of statements of the estimated construction and maintenance of roads in the central province of Deir-Ezzor.
- Central Committee member of the declarations of road

### **COURSES**

- MATLAB - Technical Computing, Image and Video Processing. High Technology Center, Cairo University, Cairo, Egypt (2011).
- (2780) Maintaining a Microsoft SQL Server 2005 Database. VirgiTech Corporation, Cairo, Egypt (12<sup>th</sup> April to 7<sup>th</sup> May 2008).
- (2779) Implementing a Microsoft SQL Server 2005 Database. VirgiTech Corporation, Cairo, Egypt (18<sup>th</sup> Feb. to 12<sup>th</sup> Mar. 2008).
- Querying Microsoft SQL Server 2000 with transact-SQL. VirgiTech Corporation, Cairo, Egypt (16<sup>th</sup> Aug. to 26<sup>th</sup> Aug. 2007).
- Programming with C#. VirgiTech Corporation, Cairo, Egypt (15<sup>th</sup> Jul. to 7<sup>th</sup> Aug. 2007)
- 3D Studio MAX. Rida Computer Center, Damascus, Syria (7<sup>th</sup> Dec. 1999 to 7<sup>th</sup> Feb. 2000).
- AutoCAD 2D+3D. Rida Computer Center, Damascus, Syria (26<sup>th</sup> Oct. 1998 to 26<sup>th</sup> Jun. 1999)
- Maintenance of Roads and Bridgs. Ministry of Transportation, Syria (10<sup>th</sup> to 14<sup>th</sup> Mar. 2001).