

# Jad Chalhoub

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## Education

### **CONSTRUCTION MANAGEMENT, MS | 2015-PRESENT | ARIZONA STATE UNIVERSITY**

- Focus on BIM and Mixed Reality in Construction
- CGPA: 4.0

### **CIVIL ENGINEERING, BS | 2011-2015 | AMERICAN UNIVERSITY OF BEIRUT**

- Focus on analytical research and engineering management
- CGPA: 3.5

## Academic Experience

### **GRADUATE RESEARCH ASSOCIATE | ASU | NOV 2016 - PRESENT**

- Conducting research under the supervision of Dr. Steven Ayer related to emerging Mixed Reality visualizing methods as design communication tools for construction purposes.
- Writing multiple conference and journal papers.
- Assisting in proposal writing and editing.

### **RESEARCH ASSISTANT | ASU | SUMMMER 2014**

- Meta-analysis of impact of different project delivery methods on projects performance, conducted under the supervision of Dr. Mounir El Asmar.
- Coauthoring a journal paper "Two Decades of Performance Comparisons for Design-Build, Construction Manager-at-Risk, and Design-Bid-Build: A Quantitative Analysis of the State of Knowledge on Project Cost, Schedule, and Quality"

## Industry Experience

### **CIVIL ENGINEERING ANALYST | KIMLEY-HORN | OCT 2015 – NOV 2016**

- Worked in roadway group in infrastructure department, creating design plans, estimates and other related documents.
- Part of the visualization team, preparing 3D photorealistic designs using modeling software and aerial imaging through Unmanned Aerial Vehicles (UAVs).

## Skills & Abilities

### **LANGUAGES**

- Arabic (native), English (fluent) and French (fluent).

### **COMMUNICATION**

- Communicate with in-house team and clients, including client presentations and interviews.

### **SOFTWARE SKILLS**

- Extensive software skills in MS office suite, SPSS, AutoCad, Revit, Civil 3D, Microstation and InRoads.
- Experience using Unity Gaming Engine, Lumion, 3DS Max, Etabs, Sap 2000, Robot and Safe.
- Knowledge of coding languages C++, C, C#, Java, Python, HTML, PHP and JavaScript.