**Mahmoud**

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| **Objective** | A challenging career opportunity in the field of civil engineering that utilizes my academic background and my skills. |

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| **Education Record** | MSc in Civil Engineering, Cairo University, GPA "3.8" (2014 – 2016).  BSc in Civil Engineering, Cairo University (Summer 2013).  - General appreciation Very Good with honors “81%” (last two years: Distinction).  - Graduation project Design of Reinforced Concrete Structures (Distinction). |

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| **Extra Courses** | CSI Package (SAP, ETABS, Safe and Column) ADAPT-Floor Pro Bentley RAM Concept Autodesk Revit Autodesk AutoCAD Autodesk NavisWorks Manage  Prokon Primavera p6 |

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| **Certificates** | Authorized Autodesk Revit Structure. (Certified Professional)  Autodesk Navisworks Manage.  Authorized Autodesk AutoCAD. (Certified Professional)  Autodesk Robot Structure Analysis.  Authorized Autodesk AutoCAD Structural Detailing.  Primavera p6 training course.  BULATS Certificate (Business Language Testing Service-Cambridge University).  ICDL (The Ministry of Communications and Information Technology). |

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| **Work Experience** | **Skills**   * Design of prestressed concrete members. * High rise buildings analysis. * Design of bridges * Design of reinforced concrete structures. * Building Information Modeling.   **Engineering Consultants Group S.A. (ECG)** (4/2014 – Now)   * Viva Bahriya Towers (Doha – Qatar)   The plots of Towers VB-27 and VB-28 (8,796 m2 and 9,057 m2, respectively) are located at the southeast of Viva Bahriya Towers. Each plot accommodates luxurious high-rise residential apartments (22 stories for VB-27 and 20 stories for VB-28), with beachside apartments and townhouses.   * Al-Reem Tower (Abu Dhabi - UAE)   On a plot area of 5,900 m2, the residential tower is designed to be 224 meters high, with a built-up area of 60,380 m2 and 52 floors. The tower floors stand above a four-floor podium, mechanical floors and four basement levels for car parking and services. Tasks included preparing constructible 3D Coordinated Revit model.   * Riyadh sky gardens, Al-Zamil residential tower (KSA)   With a built-up area of 42,000 m2, the 32-floor tower features 161 different housing units, parking and utility services. Tasks included design of the post- tensioned slabs and beams, in addition to 3D coordinated Revit modeling.   * Two towers in Marina district, Al Jaber Group (Doha-Qatar)   The project comprised the design of two mixed use towers of plot (5870m2) stand above eight podiums and two basements.   * AL Barshaa Hotel (Abu Dhabi)   It is about structural analysis and designing of a 3-stars hotel consisting of (2 basements + 13 floors), in addition to construct a 3D Revit model without any clashes.   * Cairo International Medical City "CIMC" (Egypt)   Structural analysis and detailed design of the hospital’s main building and participating in preparing the 3D Revit model of the project. With a built –up area of 73,600 m 2 comprise a two-level basement, ground floor and four upper floors.   * Petroleum Institute student hostel (Abu Dhabi - UAE)   The project comprises student accommodation buildings (2 Type A buildings, 1 Type B building, and 1 Type C building). The four residential blocks are served by a range of student facilities at the ground floor, with a built -up area of approximately 58,000 m2.   * Etisalat Data Centers (Abu Dhabi - UAE)   Project scope is to provide a full structural analysis package and coordinated 3D Revit model for the new headquarter and service centers of Etisalat firm.   * Madinaty Office Park (Egypt)   Structural analysis and detailed design of the Clinical building (2275m2) and some parts of the overall park basement, In addition to creating the 3D Revit model for each part.   * Nyahua-Chaya Bridge (Tanzania)   Detailed Design of the Bridge according to BS 5400 code standards and design of culverts.   * Yanbu Grain Silos Project (KSA)   Structural analysis modeling of the reinforced concrete wheat storage silo of capacity 60,000 tons and design of some service buildings.   * EMAL Administrative Complex (Dubai - UAE)   EMAL Administrative Complex is built on a plot area of 68,000 m2. The complex comprises 12 buildings that include an administrative building, reception building, mosque, and ancillary buildings.   * Suez Sokhna Plant line (1) (Egypt)   Design review to check the safety of the existing steel structure system of the Kiln and Cooler buildings to resist the new updates of the project based on Eurocode standards.   * New NGL support campus at Mesaied phase (2) (Qatar)   Detailed design and drawings of a chemical store holding tank and preparing its BOQ.  **ATCO Engineering Consulting Office (Dr. Adel El-Attar)** (11/2013 – 4/2014)   * Batina and Dareen Bridge (KSA) * Tahrir Complex (Egypt)   Checking the availability to stop the dewatering system in according to as built drawings.   * El-Nammas Mosque (KSA)   Detailed design and drawings of the mosque and its minaret. |

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| **Internship Experience** | 2015 Ministry of Communications and Information Technology MCIT scholarship.  2012 Training at National Authority for Tunnels (NAT).  2012 Training at METALCO Company.  2011 Training at Survey Research Institute (SRI).  2011 Training at Channel Maintenance Research Institute.  2010 Training in Arab Contractors Company. |

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| **Extra-curricular Activities** | Volunteer in Resala association.  Organizer in Vision team (student activity).  Participant in Management workshop of IST (Student activity)  Head of Organizing Committee (OC) at IShare (Student activity). |

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| **Skills** | **Computer Skills** Good user of MS office (Word, Excel, Power point)  Good surfing skills on the internet.  **Language skills** Arabic (Mother tongue)  English (Good in both written and spoken) |

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| **Personal details** | Date of Birth : 14th June, 1991  Marital status : Single  Nationality : Egyptian  Military service : Exemption |

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| **References** | References are furnished upon request. |