



# KALIL ALAFEEF

**Date of birth:** August 3<sup>rd</sup>, 1998 | **Nationality:** Jordanian  
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## EDUCATION

<i>The University of Jordan</i> Bachelor's in civil engineering (ABET accredited) <b>GPA: 3.68/4</b>	<i>Amman, Jordan</i> August 1 <sup>st</sup> , 2016 - present
<i>Hassan Al-Kayed Vocational Secondary School</i> High school vocational diploma Overall average: 95% (the 5 <sup>th</sup> highest grade at the governorate level), the major is central heating.	<i>Jerash, Jordan</i> July 2016

## PROJECTS

<i>Prestressed concrete</i> <ul style="list-style-type: none"><li>Calculated the losses for pre-tensioned and post-tensioned prestressed beams, for all load stages.</li><li>Drew beam stresses at top and bottom of the beam section along its length on one diagram with the ACI limits, for each load stage.</li><li>Designed pretensioned beam, for all load stages, provided with a full drawing.</li></ul>	<i>Spring 2020</i>
<i>Ordinarily reinforced concrete</i> <ul style="list-style-type: none"><li>Designed one-way slab (solid and ribbed) and two-way slabs (solid, waffled, flat plate, flat slab, etc.).</li><li>Partnered with a team of three students to design beams, columns, foundations, walls, and frames; for shear, flexure, and axial forces; for a multi-story building.</li></ul>	<i>Fall 2020, spring 2019</i>
<i>Water Supply</i> <ul style="list-style-type: none"><li>Conducted population analysis and predicted their demand over a period of 20 years based on the current situation of the residential complex.</li><li>Designed a water network to serve the needs of 200,000 m<sup>2</sup> residential complex, considering the design for fire hydrants. That is in addition to the alternative design.</li></ul>	<i>Fall 2019</i>

## SKILLS

<i>Computer:</i> <ul style="list-style-type: none"><li>SAP 2000, ETABS, AutoCAD, Revit.</li><li>MS Project, MS office.</li><li>WMS, EPA-NET, WaterCAD, SewerCAD.</li></ul>	<i>Soft skills:</i> Self-learning, Friendly, Good communication skills, Teamwork, creativity, and leadership.
<i>Languages:</i>	English                      Arabic
<u>Written:</u>	Very good                      Excellent
<u>Spoken:</u>	Very good                      Excellent

## WORK EXPERIENCE

<i>Bab Amman primary school construction project</i> <ul style="list-style-type: none"><li>Small internship in a field environment, in the second year of study.</li><li>Supervised the work of construction workers and made sure it matches the plans.</li></ul>	<i>summer 2017</i>
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## ACTIVITIES

<i>American society of civil engineers (ASCE), the University of Jordan's chapter</i> <ul style="list-style-type: none"><li>Activities related to engineering such as bridge competitions, field trips, seminars presented by engineering experts, etc.</li></ul>	<i>2017 -present</i>
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## HONORS AND AWARDS

<i>Excellence scholarship, a full scholarship.</i> <ul style="list-style-type: none"><li>This scholarship is given to students who have excelled in high school by the Ministry of Higher Education.</li></ul>
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