

# RYAN HANNA

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## PROFESSIONAL SUMMARY

Ambitious individual with an undergraduate degree in Civil and Environmental Engineering, and a keen interest for finding solutions and sustainability, who is now seeking involvement in a dynamic field.

## EDUCATION

### American University of Beirut

*Bachelor of Engineering, Civil & Environmental Engineering*

- Cumulative GPA of 3.32/4.00

**Beirut, Lebanon**

Sep. 2020 – June. 2024

### Jesus and Mary School

*High School Diploma with honors*

**Rabieh, Lebanon**

Oct. 2005 - May. 2020

## PROFESSIONAL EXPERIENCE

### Structural Engineer Intern – Dar Al Handasah

Jun. 2023 – Jul. 2023

- Learned CSI software such as SAFE and ETABs, in order to learn the fundamentals of designing building structures to ensure structural integrity, simultaneously applying my structural theoretical background on a six-story, residential project, as well as designing the slabs, columns, beams, shear walls, foundations, and basement walls.

### Final Year Project – AUB, Lebanon

Sep. 2023 – April 2024

- Contributed to the development and implementation of an environmentally friendly sand-based thermal energy storage system, aimed as a sustainable laboratory scale alternative to heat domestic water instead of traditionally heating it using fossil fuels. By experimenting and investigating the performance of the thermal energy storage tank that shall use solar energy and sustainable materials to meet the heating needs of a residential home, the environmental impact of residential energy use is thereby mitigated.

## LANGUAGES

**English** (advanced); **Arabic** (native); **French** (intermediate)

## TECHNICAL SKILLS

MS Office (Word, PowerPoint, Excel) | AutoCAD and Revit (intermediate) | SAFE and ETABs | Oracle Primavera

## OTHER INFORMATION, EXTRACURRICULAR ACTIVITIES

- Member in the American Society of Civil Engineers (ASCE) Sep. 2021 – June 2024
- Achieved 100+ cumulative hours of community service (working with orphans, at a school in Sri Lanka, retirement home etc.)
- Member of the 2024 Rally Paper AUB Organizing Team
- Member of the Frisbee AUB varsity team Sep. 2023 – May 2024
- Part of the high school yearbook committee
- Self-learning the Spanish language online

## CERTIFICATIONS

- KPMG U.S. Career Catalyst: Advisory Job Simulation on Forage - August 2024
- BCG Introduction to Strategy Consulting Job Simulation on Forage - August 2024
- BCG Strategy Consulting Job Simulation on Forage - August 2024