

AYA AHMAD

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👤 PROFILE

I am self-motivated person, a quick thinker and team player with excellent communication skills and organizational skills. My key strengths include gathering information, prioritizing, setting, achieving goals and create options for action. I have excellent interpersonal and time management skills.

🎓 EDUCATION

- **Cyprus International University**, Nicosia, North Cyprus
PhD in Civil Engineering
February 2018 – Present
CGPA: 4:00
- **Cyprus International University**, Nicosia, North Cyprus
Master in Civil Engineering
September 2016 – January 2018
CGPA: 3.95
- **Cyprus International University**, Nicosia, North Cyprus
Bachelor of Science in Civil Engineering
October 2012 – July 2016
CGPA: 3.93
- **Al - Jarmak Secondary School**, Lebanon, Bequaa, Taalabaya
High School
October 2009 – June 2012

🏢 EMPLOYMENT HISTORY

- **Part Time Instructor at Cyprus International University:**
September 2020 – Present

Academic Year	Semester	Lecturing Courses
2019-2020	Fall Spring	Engineering Mechanics I (Statics)
2019-2020	Spring	<ul style="list-style-type: none">• Engineering Mechanics I (Statics)• Engineering Mechanics II (Dynamics)
2019-2020	Summer	<ul style="list-style-type: none">• Engineering Mechanics II (Dynamics)• Earth Science

- **Part Time Instructor at Final International University:**

September 2020 – Present

Academic Year	Semester	Lecturing Courses
2019-2020	Fall	Fluid Mechanics
		Material Science
2019-2020	Spring	Hydromechanics
		Materials of Construction

- **English Tutor for Foreign Students in North Cyprus**

October 2016 – Present

- **Administrative Officer for Middle East and North Africa Region at the International Marketing Office, Cyprus International University, North Cyprus** (June 2016 – June 2019)

- **Private Tutor of Civil Engineering Courses** (September 2015 – Present)

- Numerical Analysis
- Engineering Mechanics I & II
- Earth Science
- Foundation Design
- Concrete Technology
- Pile Design
- Calculus I & II
- General Physics I & II
- Structural Analysis I & II
- Soil Mechanics
- Steel Design
- Research Methods

- **Student Assistant in Civil Engineering Department, CIU, North Cyprus**

(September 2014 – May 2016) Collating and archiving documents regarding Civil Engineering department and compile documentation to track and terminate projects & assignments.

- **Volunteer for English Summer Program, Al-Jafna Secondary School, Lebanon** (2013)

- **Stock Handling at Deniz Plaza Copy Center, Nicosia** (2014)

INTERNSHIPS

ABC Verdun Mall at Consolidated Engineering Company, SAL (Khatib & Alami), Al Akhtal

Assaghir Street – Jnah, Beirut, Lebanon

July 2015 – November 2015

PAPERS

▪ Submitted for Publication

- Utilizing DIC Technique for Visualizing the Failure Modes of Concrete Specimens
- A Review on Biological Process for Improvement of Soil Properties

▪ Published Articles

- AHMAD, A., & Alsaid, A. (2019). Review on Properties, Performance, and Application of Geopolymer Concrete. *Sustainable Structures and Materials, An International Journal*, 2(1), 61-75.
- AHMAD, A., & Firincioglu, B. S. (2019). The Role of GIS in Enhancing the Pavement Management System. *Sustainable Structures and Materials, An International Journal*, 2(2), 12-22.

▪ Term project article

- A Review on Nano Concrete
- Stabilizing Expansive Soil using Demolition and Agricultural Wastes
- Construction Planning and Scheduling (Quantity Take-off) for Two Story Buildings Using MS project
- Zero - Cement Concrete for sustainable future
- Analyzing the Factors Affecting Road Traffic Accident in North Cyprus using SPSS program

▪ Master Thesis

Crack Analysis of Buildings Constructed on Swelling Soil in North Cyprus

▪ Capstone Project Design

Ribbed Mat Foundation Design for North Cyprus (Gonyeli Region)

AWARDS

Appreciation Certificate

- From UNRWA and ULYP institutions for being volunteer during English Summer Program in 2013 that aims at reaching more than 600 English Language Learners.
- For participation in “Data & Business -interconnected Business World” Seminar on 6th May 2016 at Cyprus International University.

Trophee of Appreciation

I was granted this trophee from the General Union of Palestinian Students in North Cyprus for earning the highest CGPA among all the Palestinian students in North Cyprus. (May 2015)

One Honour Certificate, Civil Engineering Department at CIU (January 2013)

Seven High Honour Certificates, Civil Engineering Department at CIU (2013 -2016)

Granted for achieving the 1st rank in the Department.

SKILLS

- Able to make own decisions.
- Able to make presentations in different topics.
- Taking the role of being the analyst in team-work projects.
- Developing my personal and professional capacities through conducting research, watching online seminars, and day to day experiences.

SOFTWARE AND PROGRAMMING

- Microsoft Office
- AutoCAD drawing
- SAP 2000
- Microsoft Project (MS)
- Primavera
- C++
- Statistical Analysis Software (SPSS)
- Matlab

LANGUAGES

- Arabic Native Speaker
- English Fluent
- Turkish Fluent

REFERENCES

- **Asst.Prof.Dr. Ayşe Balkıs** , Cyprus International University, North Cyprus
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