

Photo use is a personal choice, but I recommend against it in resumes submitted in the U.S. as it's not the norm here and could make employers concerned about bias. But if you choose to use it in places where it is more typical, this is a great professional photo.



# Jushan Abdullah Babar

Student & Independent  
Researcher

Recommend writing the full name before using the acronym, especially if using the resume for U.S. or other international positions. Outside of Bangladesh, people may not know the acronym.

## Specializations

- Environmental Impact Assessment
- Nonconventional building technique
- Economic Life Cycle Assessment
- Reusable construction materials

## Competencies

- Good communication skills
- In-depth knowledge of concrete materials
- High ethical standards
- Professional pitcher
- Efficient br
- Polyglot

List languages and level of competency. I know they are mentioned in certifications, but it's easier if a reviewer can see them listed right here.

## Education

- CUET, Chittagong

*Bachelor of Science, Civil  
Engineering | Feb 2019-present*

## Contact

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## Introduction

I'm Jushan Abdullah Babar Aff.M.ASCE, a UG student at CUET studying Civil Engineering, & an

independent researcher. I take a particular interest in

modeling environmental & economic

assessment frameworks, sustainable

construction materials, and the built

environment using different algorithmic measures by integrating

Machine & Deep Learning. I find extreme pleasure in

networking with students on and off campus.

Currently, I'm working with the ACI Student Chapter -

CUET as the Assistant Secretary. I have a dream; to

conduct more national students gathering events in

Bangladesh; through ACI-CUET.

Similar comment: what is ACI? A reviewer reading this hasn't gotten to the full name on the second page yet.

Can you talk more about your role, perhaps under Achievements instead of mentioning it here? I don't have a clear idea of what skills, knowledge, or accomplishments go with this.

## Achievements

- **Best Paper Award in Structural Engineering**

**6th International Conference on Civil Engineering  
for Sustainable Development, KUET | 2022**

Presented my research work on the Service Life &

Environmental Performance Simulation of concrete

structures at the ICCESD 2022, KUET. The research

work came out to be the best in the respective

discipline.

- **Global Champion**

**ACI Eco Concrete Competition | 2021**

My team & I represented CUET at the 2021 ACI Eco

Concrete Competition. We modelled an innovative

mixed design with the least environmental impacts

while maintaining increased service life. Which will

pave the path to fulfilling SDGs 9, 12 & 13.

Can you specify what your role was? What skills or knowledge did you gain/use on this project? Can you quantify anything, e.g. perhaps % increase in service life? I suggest breaking down achievements into sub-bullets, rather than a paragraph about each achievement, for improved readability.

## **Technical Experience & Peer Reviewing**

- **Associate Member**

### **Technical Committee 130, American Concrete Institute | 2022-onwards**

~~I was appointed as an associate member of the ACI Committee 130, Sustainability of Concrete, on 25th January 2022.~~

- **Commission Member**

### **Young Members Group, Fédération internationale du béton (fib) | 2022-onwards**

~~I was appointed to the YMG commission of the fib on 23rd July 2022.~~

- **Paper Reviewer,**

### **Scientific Committee, fib International Symposium on Conceptual Design of Structures Oslo 2023 | 2022-onwards**

~~I was selected a paper reviewer from the YMG Commission of fib, for its symposium on conceptual design on 28th September 2022.~~

## **Professional Memberships**

- **Affiliate Member, American Society of Civil Engineers Aff.M.ASCE**
- **Student Member, American Concrete Institute (ACI)**
- **Student Member, Fédération internationale du béton (fib)**

## **Publications: Conference Proceedings & Presentations**

Islam, G. M. S., Jahan, I., Hameem, M. M., Mahmud, T., Abdullah, J., Ishmum, M. M., Alam, M. (2022). Service Life and Environmental Performance Simulation of Concrete Structure Using SCMs as Partial Replacement of OPC. In AIP Conference Proceedings. 6th International Conference on Civil Engineering for Sustainable Development 2022 (ICCESD 2022). AIP. (in Print)

## **Certifications & Courses**

- **Diplôme d'études en langue française B1 (DELF B1)**

**Ministère de l'Éducation nationale, de la Jeunesse et des Sports,  
France | December 2022**

- **Hult Prize Pitch Course (HPCP01)**

**Hult Prize Foundation | January 2021**

- **International English Language Testing System (Band 7 | C1)**

**British Council | August 2017**