

# ARIBA AYMAN RAHMAN

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## SUMMARY OF SKILLS AND QUALIFICATIONS

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**Operating Systems** | Windows 365 • macOS • Mobile

**Applications** | Word • Excel • PowerPoint • Access

**Programming** | MS Project • MATLAB • Auto CAD • Revit • ETABS • WoodWorks Sizer • RSMeans • SAP2000

**Languages** | French Spoken & Written – Intermediate • English Spoken & Written – Fluent

**Licenses & Certificates** | ASP Construction – Health and Safety (2025) • Co-op Excel Training (2025)

## EDUCATION

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### Bachelor of Engineering – Civil Engineering

January 2023 – December 2027

Concordia University, Montreal, QC

Relevant Courses: Structural analysis, Engineering materials, Engineering economics, Civil engineering systems, Design of steel and reinforced concrete, Surveying, Transportation engineering, Environmental engineering

## ACADEMIC PROJECTS

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### Civil Engineering Design Project (Academic)

June – August 2025

Concordia University, Montreal, QC

Description: Designing an aesthetically-pleasing, structurally safe two-story family house.

- Perform structural modeling in ETABS and Woodwork Sizer and utilize Revit to update and review design drawings.
- Consolidated material quotes and construction data to produce a finalized cost estimation and budgetary report for stakeholders
- Executed detailed cost analysis and final estimation for the entire project scope, utilizing RSMeans and Excel to ensure budgetary accuracy

**Core Competencies:** Critical thinking, problem assessment and analysis, applying Revit, RSMeans, ETABS, Woodworks

### Concordia Steel Bridge Team

June 2025 - Present

Concordia University, Montreal, QC

- Participate in weekly meetings to plan, coordinate, and track project progress.
- Research and identify potential steel suppliers to optimize material cost and quality.
- Collaborate with a diverse, multidisciplinary team to deliver innovative engineering solutions.

**Core Competencies:** Attention to detail, Time management & scheduling, using Auto CAD

### Concordia Concrete Canoe Team

January 2024 - Present

Concordia University, Montreal, QC

- Drafted technical reports detailing material properties, construction processes, and performance analysis to meet competition guidelines.
- Participated in regular paddling practices to improve technique, strength, and teamwork, preparing for competition races.

**Core Competencies:** Adaptability, communication skills, technical writing

## PROFESSIONAL ASSOCIATIONS

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### Concordia Society of Civil Engineering – VP Internal

July 2024 - Present

Concordia University, Montreal, QC

- Cultivated a network of industry professionals and alumni to facilitate mentorship opportunities for 100+ student members
- Managing internal operations, including organizing and scheduling meetings, booking venues, and coordinating logistics to ensure smooth execution of society activities.
- Worked closely with other executive members to align internal operations with the society's strategic goals and objectives.

### Women in Engineering – Ambassador

September 2024 – May 2025

Concordia University, Montreal, QC

- Advocated for gender equity in engineering through organizing events, workshops, and campaigns aimed at empowering women in STEM fields.
- Conducting outreach programs to inspire high school students and young women to pursue careers in engineering.

## WORK EXPERIENCE

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### Shift manager, PFK

January - December 2025 (Part-time)

Team member

May 2023- December 2024

Brossard, QC

- Collaborated effectively with a diverse team and maintain smooth operations during peak hours
- Quickly learned and implemented new procedures and menu items, adapting to changing business needs.
- Thrived in a high-pressure environment, meeting productivity goals during busy periods

**Core Competencies: Team collaboration and leadership, customer service & satisfaction**

## VOLUNTEER WORK

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### CGS Community School

Sept 2018 – December 2019

Chittagong Grammar School, Bangladesh

- Taught Math and English, tailoring lesson plans to meet students' needs and learning styles.
- Adjusted teaching methods to accommodate students with diverse backgrounds and varying levels of ability.

## EXTRA-CURRICULAR ACTIVITIES

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### Basketball

June 2018 – February 2020

Chittagong Grammar School, Bangladesh

- Demonstrated discipline and commitment by maintaining a rigorous training schedule while balancing academic responsibilities.
- Participated in post-game performance reviews, identifying areas for improvement and implementing feedback to enhance skills.

## INTERESTS

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### Experience Abroad

New York, Los Angeles, Malaysia, Thailand, India, Vancouver, Toronto, Jamaica

### Reading

Atomic Habits, Think and Grow Rich, The Power of Positive Thinking

### Sports

Paddling, swimming, badminton, weight-training, basketball