



# AHMED AMINE ES-SELMOUNI

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## Skills

- **Programming Languages:** C#, Python, Java, Kotlin, Dart, JavaScript
- **Cloud:** AWS, Google Cloud, Firebase
- **Other Technologies:** React, Flutter, Unity
- Familiar with IT support procedures and troubleshooting
- **Soft Skills:** Problem-solving, time management, teamwork, leadership, communication, quick learner
- **Languages:** Fluent in English, French, and Arabic

## Education

**Bachelor of Science in Computer Science** Graduation in Spring 2026  
Memorial University of Newfoundland - St John's, NL

- Cumulative Average: 88.5%, GPA: 3.8
- Dean's List: 2021-2022, 2022-2023

## Experience

**Cloud Solutions Intern** Spring 2023

[MTDS](#) - Internet & Technology Solutions - Rabat, Morocco

- Specialized in AWS Auto Scaling for cloud solutions, addressing data consistency and application reliability challenges, using Python for scripting and automation tasks
- Designed and implemented a solution:
  - Utilized Amazon Aurora Replicas and Aurora Auto Scaling for database replication
  - Employed Amazon Elastic File System (EFS) for seamless application files replication
- Conducted testing and refining

**Online Math Help Centre** Fall 2023

Memorial University of Newfoundland - St John's, NL

- Crafting worksheets using LaTeX
- Producing video tutorials to elucidate worksheet math problems and their solutions
- Providing online support for students with math-related queries
- Ensuring tutorial content is aligned with faculty course materials for consistency and relevancy

**Math/Computer Science Tutor** Fall and Winter Terms, 2022/23

Memorial University of Newfoundland - St John's, NL

- Clearing students' doubts about specific topics
- Providing examples to clarify abstract and difficult concepts
- Guiding students through practice questions to demonstrate problem-solving strategies

## Projects

**Chat [Dart, Flutter]** April 2023

- A mobile chat app for sending and receiving messages with optimized database schema and cloud messaging for notifications
- [Preview and project files on Github](#)

**Authentication & Database with Firebase [Dart, Flutter]** January 2023

- A mobile app with Sign-Up/Log-In, Google Sign-In, email confirmation, password reset, and real-time data display
- [Preview and project files on Github](#)

#### **World Times [Dart, Flutter]**

August 2021

- A mobile app to retrieve and display time data of regions, using [WorldTimeAPI](#)
- [Preview and project files on Github](#)

#### **Game Without Art [C#, Unity]**

June 2021

- A game where the player must dodge bouncing balls that split into smaller ones
- Features power-ups to enhance gameplay
- [Game published on itch.io](#)
- [Preview and project files on Github](#)