

AHMED AMINE ES-SELMOUNI

St. John's NL | 1-709-219-3395 | ess.ahmed.amine@gmail.com

Skills

- **Soft Skills:** Problem-solving, troubleshooting, time management, teamwork, leadership, tutoring ability
- **Languages:** Fluent in English, French, and Arabic
- **Programming languages:** C#, Python, Java, Kotlin, Dart, JavaScript
- **Frameworks & Engines:** Flutter, React, Unity
- **Operating Systems:** Windows, Mac, Linux
- **Software:** Microsoft Office
- **Technical:** Familiar with IT support procedures, quick learner

Education

- Bachelor of Science in Computer Science** Expected Graduation in Winter 2025
Memorial University of Newfoundland — St John's, NL
- Dean's List: 2021-2022 and 2022-2023
 - Current GPA: 3.85
- Intensive Higher School Preparatory Classes (Cram School)** Sep 2020 - Jan 2021
CPGE Salmane Al Farissi — Salé, Morocco
- Preparatory Classes for Higher Engineering Schools
 - Subjects: Mathematics, Physics, Chemistry, Engineering
- High School Diploma** Jul 2020
Groupe Scolaire Atlas — Rabat, Morocco
- Passed with distinction

Experience

- Intern** Spring 2023 - Present
MTDS — Rabat, Morocco
- Specialized in AWS Auto Scaling for cloud solutions, addressing data consistency and application reliability challenges
 - 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 file replication
 - Conducted testing, refining, and ongoing support
- Mathematics & Computer Science Tutor** Winter 2022, Fall 2022, Winter 2023
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
- Students' Delegate** Sep 2020 - Jan 2021
CPGE Salmane Al Farissi — Salé, Morocco
- Conveyed the administration's communications and news to students and professors
 - Represented students and addressed their complaints
- Children Activities Supervisor** Jun 2015 - Jun 2018
Association des oeuvres sociales des juridictions financières — Rabat & Casablanca, Morocco

- Supervised and organized groups of children
- Engaged children, aged 5 - 8, in interactive activities and arts and crafts
- Implemented developmentally appropriate instructional and activity plans to promote learning

Projects

Chat [Dart, Flutter]

April 2023

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

Authentication & Database with Firebase [Dart, Flutter]

January 2023

- A mobile app with Sign-Up/Log-In, Google Sign-In, email confirmation, and real-time user display
- [Project files and preview on Github](#)

World Times [Dart, Flutter]

August 2021

- A mobile app to retrieve and display time data from regions using the WorldTimeAPI
- [Project files and preview on Github](#)

Game Without Art [C#, Unity]

June 2021

- A game where the player must dodge bouncing balls that split into smaller ones
- Features powerups to enhance gameplay
- [Game published on Itch.io](#)
- [Project files and preview on Github](#)