




AHMED AMINE ES-SELMOUNI

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

Skills

- **Programming Languages:** Python, SQL, C#, Java, Kotlin, Dart, JavaScript, TypeScript
- **Cloud:** AWS, Google Cloud, Firebase
- **Other Technologies:** React, Flask, 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: 3.83
- 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

Portfolio Website [HTML, Sass, JavaScript]

- A personal portfolio website featuring About, Projects, and Contact pages
- [Website hosted on Github Pages](https://ahamsel.github.io/portfolio) (ahamsel.github.io/portfolio)
- [Project files on Github](#)

Financial Isight [TypeScript, React, Python, Flask]

In Progress

- A web application providing personalized financial insights and budgeting advice, based on expenses, income, and wishlist item costs entered by the user
- Backend built with Python and Flask, integrating with external AI API(s) to analyze financial data and generate smart recommendations
- [Project files on Github](#)

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](#)