

# AHMED AMINE ES-SELMOUNI

St. John's, NL | 1-709-219-3395 | aaesselmouni@mun.ca

 ahamSel.github.io/portfolio |  linkedin.com/in/aaesselmouni |  github.com/ahamSel

## Skills

- **Programming Languages:** Python, SQL, C#, Java, Kotlin, Dart, JavaScript, TypeScript
- **Cloud:** AWS, Google Cloud, Firebase
- **Other Technologies:** React, Flask, Flutter
- **Languages:** fluent in English and French
- **Essential Skills:** problem-solving, time management, teamwork, leadership, communication, quick learner

## Education

**Bachelor of Science in Computer Science** Sept 2021 - Present  
Memorial University of Newfoundland, St. John's, NL

- Cumulative GPA: 3.83
- Computer Science Cumulative Average: 90.5%
- Dean's List: 2021-2022, 2022-2023

## Experience

**Math Help Centre Teaching Assistant** Sept 2023 - Present  
Memorial University of Newfoundland, St. John's, NL

- Producing LaTeX worksheets and video tutorials for math coursework
- Assisting students with the difficulties and processes of understanding and solving math problems

**Math/Computer Science Tutor** January 2022 - Present  
Memorial University of Newfoundland, St. John's, NL

- Helping students to grasp topics in math and computer science
- Addressing student inquiries in math and computer science

**Cloud Solutions Architect** June 2023 - Sept 2023  
**MTDS - Internet & Technology Solutions**, Rabat, Morocco

- Specialized in AWS Auto Scaling for cloud solutions optimization
- Utilized Amazon Aurora Replicas and Aurora Auto Scaling for database replication
- Implemented Amazon Elastic File System (EFS) for seamless application files replication

## Personal Projects

**Portfolio Website** [HTML, Sass, JavaScript]

Living Site

- A personal portfolio website featuring About, Projects, and Contact pages
- [Website hosted here](#)

**Chat** [Dart, Flutter]

April 2023

- A mobile chat app for sending and receiving messages with optimized database schema and cloud messaging for notifications

**Financial Insight** [TypeScript, React, Python, Flask]

Jan 2023 - In Progress

- A web app offering tailored financial insights and budgeting tips, using user-input expenses, income, and wishlist costs, with a Python/Flask backend and external AI APIs for smart data analysis and recommendations

**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

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

August 2021

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

### **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 here](#)