# AHMED AMINE ES-SELMOUNI

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## 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, French, and Arabic
- **Essential Skills:** problem-solving, time management, teamwork, leadership, communication, quick learner

## Education

**Bachelor of Science in Computer Science - 3.83 GPA**　　　　　　　　　　Sep 2021 - Present
**Memorial University of Newfoundland**, St. John's, NL
- Computer Science Average: 90.5%
- Dean's List: 2021-2022, 2022-2023

## Experience

**Math and Computer Science Teaching Assistant/Tutor**　　　　　　　　　Jan 2022 - Present
**Memorial University of Newfoundland**, St. John's, NL
- Providing assistance to students in understanding and solving math and computer science problems
- Developing LaTeX worksheets and video tutorials for math coursework

**Cloud Solutions Architect**　　　　　　　　　　　　　　　　　　　　Jun 2023 - Sep 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

## Projects

**Portfolio Website [HTML, Sass, JavaScript]**
Dec 2021 - Live
- A personal portfolio website featuring About, Projects, and Contact pages
- Website hosted here

**Financial Isight [TypeScript, React, Python, Flask]**
Jan 2024 - 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

**Chat [Dart, Flutter]**
Apr 2023
- A mobile chat app for sending and receiving messages with optimized database schema and cloud messaging for notifications

**Can't Stop Board Game [Java]** (Group Project)
Jan 2023 - Apr 2023

**Authentication & Database with Firebase [Dart, Flutter]**
Jan 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]**
Aug 2021
- A mobile app to retrieve and display time data of regions, using WorldTimeAPI

**Game Without Art [C#, Unity]**
Jun 2021
- A game where the player must dodge bouncing balls that split into smaller ones
- Features power-ups to enhance gameplay
- Game published here