

# AHMED AMINE ES-SELMOUNI

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[a](https://github.com/ahamSel) ahamSel.github.io/portfolio | [in](https://www.linkedin.com/in/aaesselmouni) linkedin.com/in/aaesselmouni | [github.com/ahamSel](https://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, 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 - 2025

Memorial University of Newfoundland, St. John's, NL

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

## 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, using Firebase

### 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](#)

## 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